

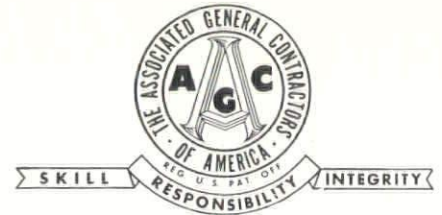
ERP
P.R.S.

ATA

Monthly bulletin, michigan society of architects • volume 27, no. 4, april 1953

IV

including national
architect



Greetings

From the Membership

The Detroit AGC Chapter

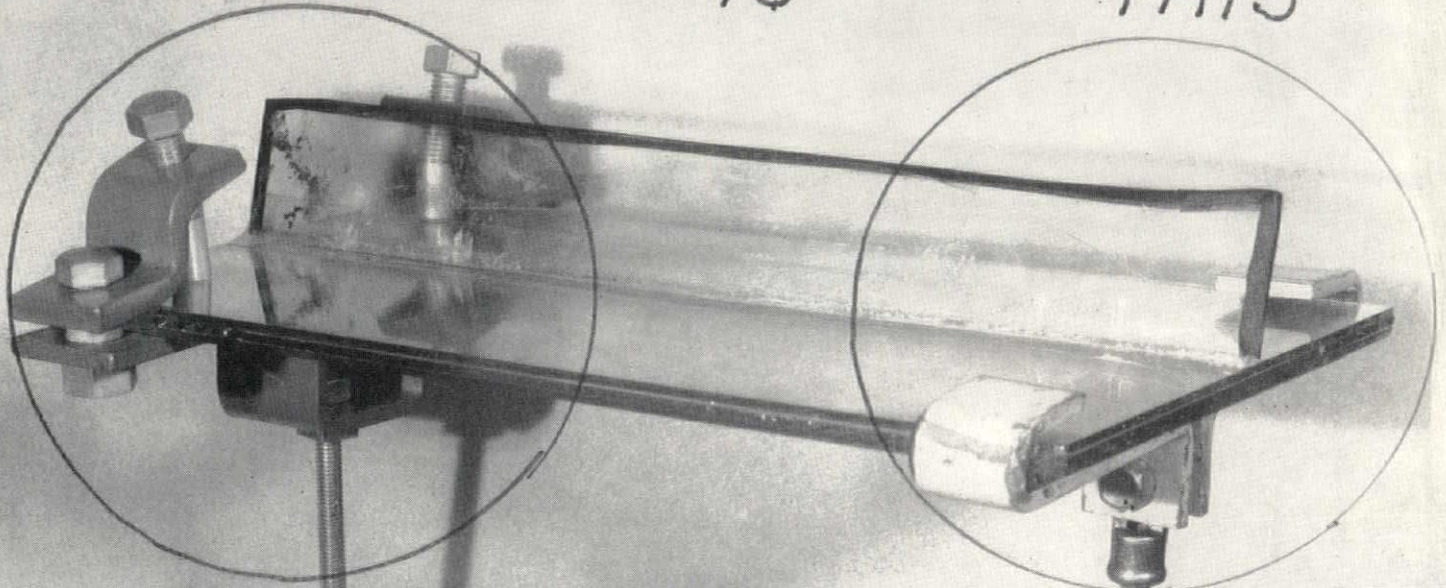
NOW IN ITS THIRTY-SEVENTH YEAR
OF INDUSTRY AND COMMUNITY SERVICE

Albert A. Albrecht Co.	WO. 2-2580
Atkin-Fordon Co.	TE. 4-4800
Geo. W. Auch Co.	WA. 1-1190
Barton-Malow Co.	WO. 1-5252
Bass Engr. & Constr. Co.	JO. 4-6150
Birchard & Roberts	LO. 3-9562
Birmingham Constr. Co.	Midwest 4-2010
Bryant & Detwiler Co.	WO. 3-4480
O. W. Burke Co.	TR. 5-0810
Commercial Contracting Corp.	TE. 4-7400
John Cooley Co.	WO. 1-7190
Walter L. Couse & Co.	BR. 3-2500
Thos. E. Currie Co.	VA. 2-2518
Darin & Armstrong, Inc.	UN. 2-3413
Denton Construction Co.	TR. 1-7020
A. J. Etkin Constr. Co.	Lincoln 6-3240
Faulkner Constr. Co.	JO. 4-5704
F. R. Fletemeyer	LO. 7-4208
J. A. Fredman—Pontiac	Federal 2-5010
George A. Fuller Co.	TR. 2-1172
Hamer Bros. Inc.	TR. 5-8620
H. R. C. Constr. Co.	LO. 2-5916
Industrial Constr. Co.	LA. 7-2414
Jutton-Kelly Co.	LU. 1-8300
W. J. C. Kaufmann Co.	WA. 1-2165
Leo E. Kuhlman Inc.	LA. 1-8858
A. W. Kutsche & Co.	LU. 4-2350
Lerner-Linden Constr. Co.	Lincoln 6-3440
Leto Constr. Co.	TU. 1-4892
Henry M. Martens Co.	WO. 1-7932
F. H. Martin Constr. Co.	WO. 1-4890
R. H. McManus Co.	VE. 5-1400
Arthur O. Misch Co.	TW. 3-7900
The Nicholson Co., Inc.
Chas. J. Rogers, Inc.	VE. 6-2160
Palmer-Smith Co.	TE. 3-2114
Alfred A. Smith Inc.	JO. 4-5930
W. J. Storen Co.	WO. 3-3316
Stibbard Constr. Co.	TE. 4-5562
Thomas-Wilson Co.	VE. 8-0890
Thompson-Schmidt Co.	UN. 4-9060
F. H. Taylor Co.	KE. 2-2500
Turner Constr. Co.	Ypsilanti 1814
J. A. Utley Co.	JO. 4-6960
Walbridge, Aldinger Co.	WO. 1-1282
John C. Westphal Co.	VE. 7-3605
W. E. Wood Co.	TY. 6-2950
Wermuth, Inc., Fort Wayne, Ind., Eastbrook	4535

The Associated General Contractors of America, Detroit Chapter, Inc.

RALPH A. MacMULLAN, SECRETARY-MANAGER, 1437-8-9 BOOK BUILDING, DETROIT 26, MICHIGAN, WO. 2-6297-8

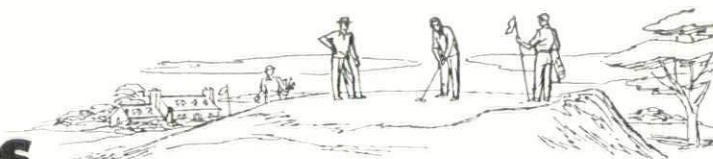
CHANGING FROM
THIS TO THIS



SAVED OUR COUNTRY \$49,045⁸³

PROVING AGAIN
DETROIT HAS A BETTER WAY
Wm. Harlan

COUNTRY CLUB MEMBERS
 enjoy fine food
 ...cooked with **GAS**



The Dearborn Country Club, 800 North Military in Dearborn, is one of the many fine clubs in the metropolitan area. In its clubhouse delicious lunches and dinners are served to members and their guests. The excellent food is prepared in the all-Gas kitchen shown in the photograph.

This well equipped kitchen contains two hot-top hotel ranges, one fry-top hotel range, one deep-fat fryer, one hotel broiler and two coffee urns—all gas-fired.

Gas equipment is preferred because of its speed, flexibility and economy.

MICHIGAN CONSOLIDATED GAS COMPANY

Serving 750,000 customers in Michigan

The extensive use of precast concrete slabs by Michigan Architects has brought another concrete products plant to the state.

flexicore

with lengths and reinforcing steel to the Architect's specifications

with a maximum span of 26 feet

with a live load of 54 lb./sq. ft.

NOW MANUFACTURED, DELIVERED
 AND ERECTED BY—

PRICE BROTHERS CO.

MICHIGAN FLEXICORE DIVISION

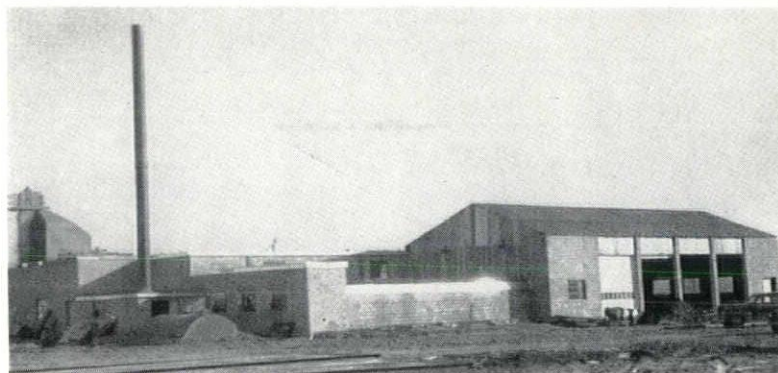
12651 Newburg Road

Livonia, Michigan

TELEPHONES:

Plymouth 2075

Detroit: Woodward 5-6376

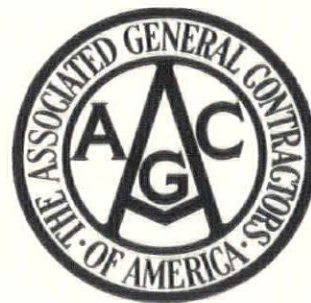


VIEW OF MICHIGAN PLANT

Seven miles west of Telegraph Road (U.S. 24) and one half mile north of Plymouth Road (U.S. 12).

WALBRIDGE, ALDINGER COMPANY

GENERAL CONTRACTORS

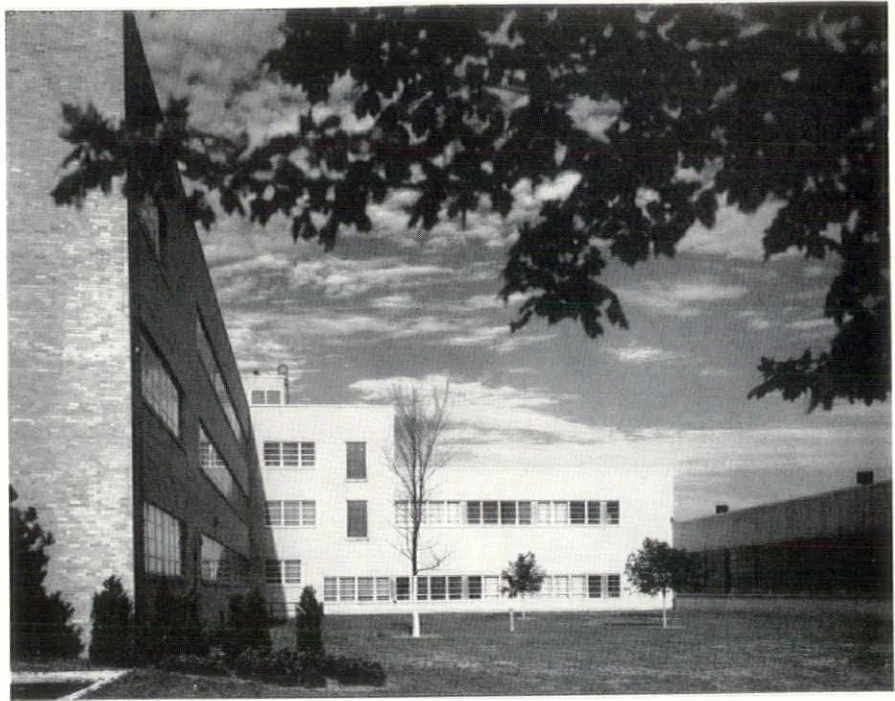


**409 GRISWOLD STREET
DETROIT 26, MICHIGAN**

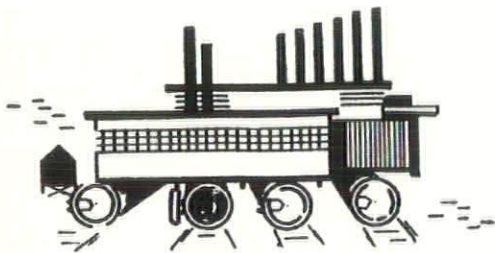
CHEM BRICK

This Picture of Dearborn Motor Sales in Birmingham emphasizes the Beauty of CHEM BRICK for Exterior Commercial and Industrial Elevations.

Specify CHEM BRICK wherever you want to combine Permanent Beauty, Durability, Modern Design and Lower Costs.



GIFFELS & VALLET, INC., L. ROSSETTI—ARCHITECTS

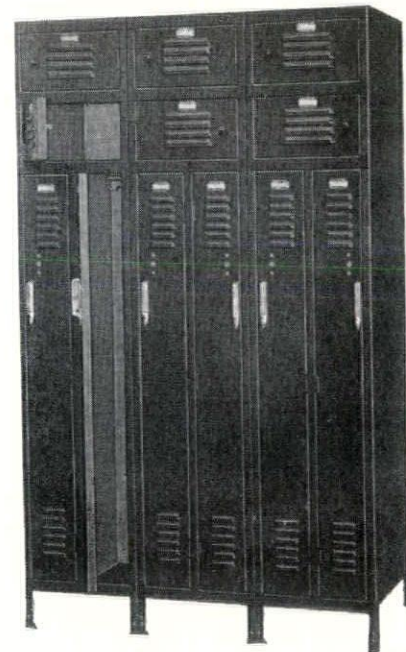


DETROIT BRICK & BLOCK CO.
Ft. of St. Jean, Detroit 14, Valley 2-4879

PENCO TWO-PERSON LOCKER UNIT

*Doubles Locker Facilities in the Same
or Less Floor Space !*

You can save more than half the floor space usually required for two large single tier lockers, with this unique two-person locker unit. Each unit has individual, interlocking hat and coat lockers for each of two occupants. The lower lockers accommodate complete clothing changes, clothes hanging full length on hangers. The upper lockers are the full width of the unit—ample size for hats, lunches, pocketbooks, etc. Provides completely **private** storage facilities for two persons in the space usually allotted to a single person. Each upper door is interconnected with the automatic prelocking device of its corresponding lower door, thus needing no separate lock.



Group of three units shown, accommodating six persons. Each hat locker door furnished with four louvres, coat locker doors with 12 louvres. Legs may be omitted for installation on raised base or in wall recess. Slope tops and closed bases available.

THE CLYDE BICKEL CO.

Exclusive Representative in Michigan for Penn Metal Corporation of Pennsylvania

1214 MICHIGAN BUILDING • DETROIT 26 • WOODWARD 1-2739

DETROIT ELECTRICAL

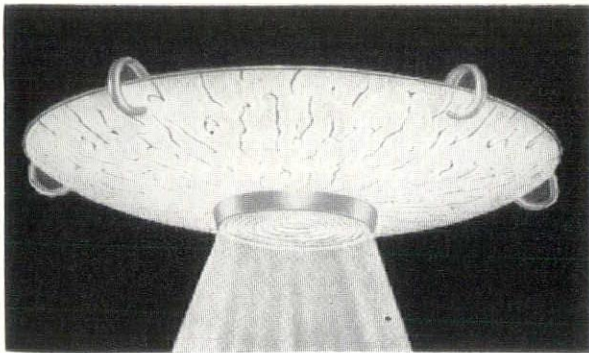


CARL J. SCHOENINGER
Secretary-Manager

CONTRACTORS ASSOCIATION, Inc.

940 Book Bldg. • WO. 3-1216 • Detroit 26, Mich.

DON BLACKBURN & COMPANY 1133 West Baltimore, Detroit 2, Michigan	TR. 4-1010	HOWARD ELECTRIC COMPANY 1313 E. Congress, Detroit 7, Michigan	WO. 2-0550
BROOKER ELECTRIC COMPANY 962 East Congress, Detroit 7, Michigan	WO. 1-2511	HYDON-BRAND COMPANY 546 E. Larned, Detroit 26, Michigan	WO. 2-2971
THE JOHN H. BUSBY COMPANY 826 Cherry Street, Detroit 1, Michigan	WO. 1-1681	KUEHNE ELECTRIC CO., INC. 7329 Puritan, Detroit 21, Michigan	DI. 1-2055
CARR-WELLER COMPANY 1141 Collingwood, Detroit 2, Michigan	TO. 8-3818	J. LIVINGSTON & COMPANY 13800 Conant, Detroit 12, Michigan	TW. 2-4743
COMMERCIAL ENGINEERING CO. 1432 Holden, Detroit 8, Michigan	TR. 1-2150	LONG ELECTRIC CO., INC. 4343 Nancy, Detroit 12, Michigan	FO. 6-3100
FIFE-PEARCE ELECTRIC COMPANY 1446 Gratiot, Detroit 7, Michigan	WO. 1-1832	JOHN MILLER ELECTRIC CO., INC. 711 Fisher Building, Detroit 2, Michigan	TR. 5-3252
JACK A. FROST 234 Piquette, Detroit 2, Michigan	TR. 3-8030	MILLER-SELDON ELECTRIC CO. 1930 McGraw, Detroit 8, Michigan	TY. 4-3800
W. D. GALE, INC. 7145 Tireman Avenue, Detroit 4, Michigan	TE. 4-2300	MCCLEARY-HARMON ELECTRIC CO. 2470 Grand River, Detroit 1, Michigan	WO. 2-3874
GEN. ELECTRICAL ENG. CO., INC. 3921 Beaufait, Detroit 7, Michigan	WA. 1-9536	F. J. O'TOLLE CO. 850 W. Baltimore, Detroit 2, Mich.	TR. 2-6066
WALTER G. GRABMAN ELECTRIC 1406 Field, Detroit 14, Michigan	LO. 7-0193	REID ELECTRIC COMPANY 21 Gerald, Highland Park 3, Michigan	TO. 8-7847
GRAY ELECTRIC CO., INC. 627 Jones Street, Detroit 26, Michigan	WO. 1-5225	SARIN ELECTRIC CO. 10431 W. Chicago Blvd., Detroit 4, Michigan	WE. 3-0277
GUDUM ELECTRIC COMPANY 14550 Lesure, Detroit 27, Michigan	VE. 8-5525	SHAW ELECTRIC CO. 8915 Puritan, Detroit 21, Michigan	UN. 1-8710
HALL ENGINEERING COMPANY 888 West Baltimore, Detroit 2, Michigan	TR. 1-8200	SMITH BROTHERS ELECTRIC, INC. 13922 Schaefer Highway, Detroit 27, Michigan	VE. 8-5880
HAMILL ELECTRIC COMPANY 2921 E. Grand Blvd., Detroit 2, Michigan	TR. 1-2650	SOUTHEASTERN ELECTRIC CO., INC. 7040 Farnsworth, Detroit 11, Michigan	WA. 1-3863
HARLAN ELECTRIC COMPANY 901 W. Milwaukee, Detroit 2, Michigan	TR. 3-5600	SPAULDING ELECTRIC CO. 1350 Michigan, Detroit 26, Michigan	WO. 2-6200
HATZEL & BUEHLER, INC. 862 Penobscot Bldg., Detroit 26, Mich.	WO. 1-0260	TRIANGLE ELECTRIC COMPANY 4222 E. McNichols, Detroit 12, Michigan	TW. 3-4013
		TURNER ENGINEERING COMPANY 464 Brainard, Detroit 1, Michigan	TE. 1-0470



MADISON ELECTRIC Company

Wholesale Distributors

6000 WOODWARD AVE DETROIT 2, MICHIGAN



Branches

14635 SCHAEFER RD.

11072 GRATIOT AVE.

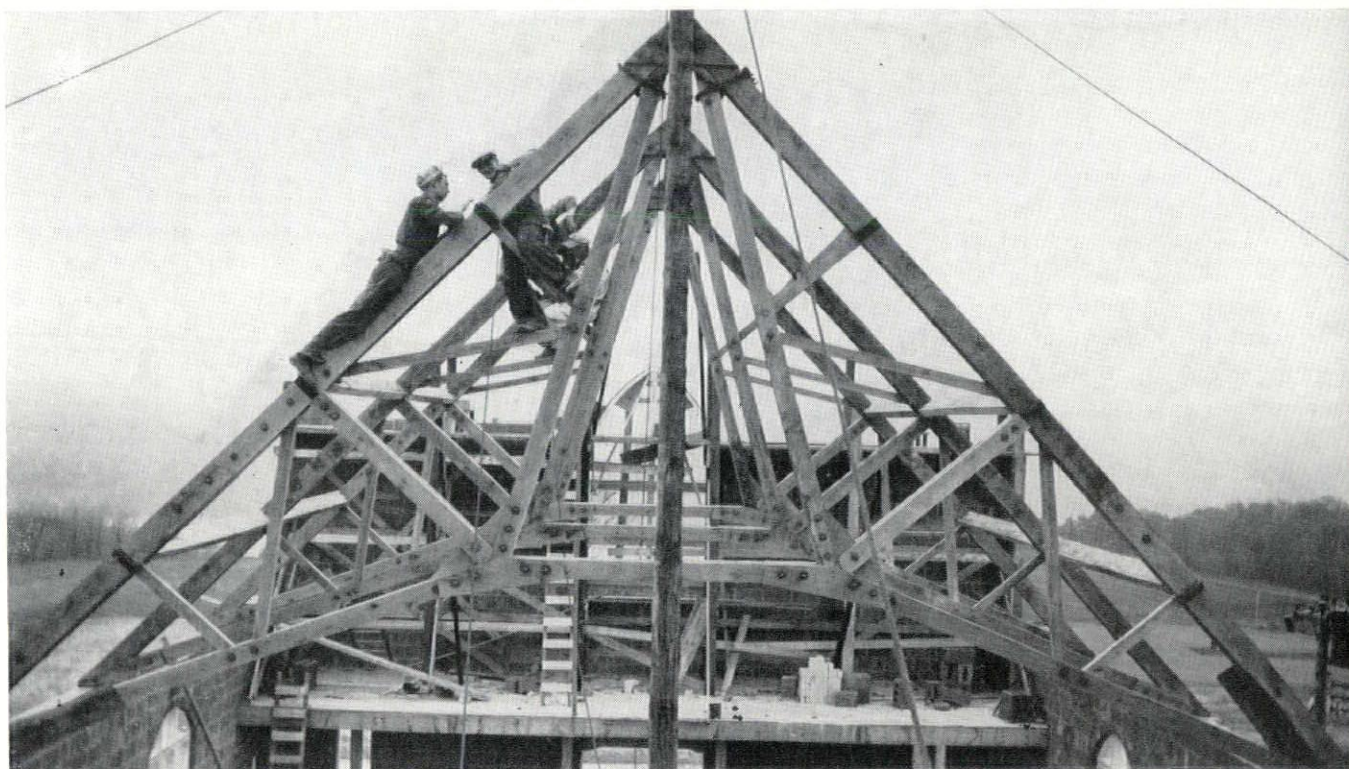
4618 GREENFIELD RD.

2010 FORD RD., WYANDOTTE

DISTRIBUTORS FOR THE FINEST IN LIGHTING
EQUIPMENT FOR OVER THIRTY-NINE YEARS

ROOF TRUSSES

Light - weight
raised lower
chord timber
trusses. De-
signed and
built for St.
Michael's Mis-
sion, Hem-
lock, N. Y., by
Cartwright &
Morrison, Inc.
Holcomb, N.
Y. Architect:
George Lor-
enz.

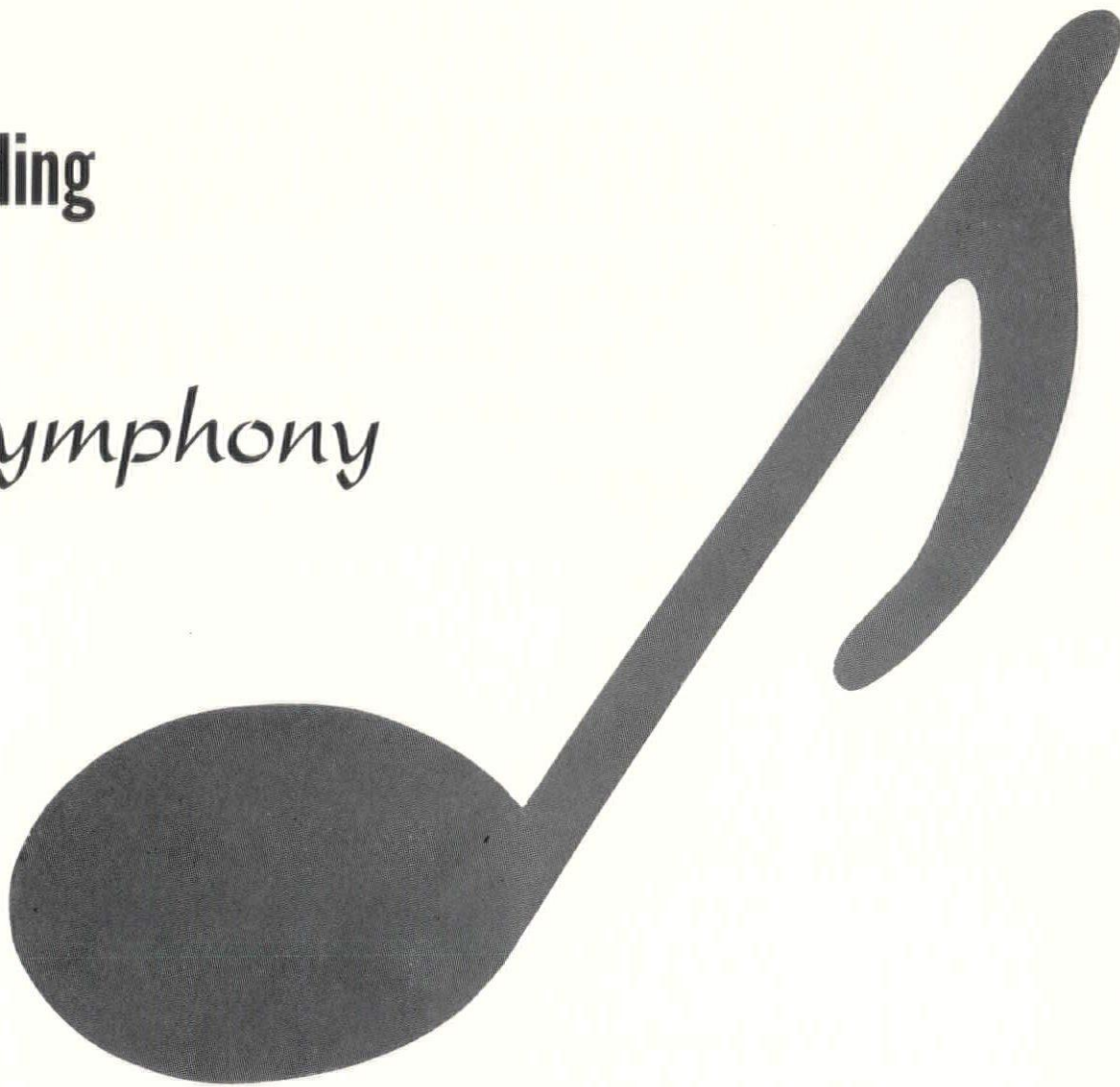


by Cartwright & Morrison, Inc., Holcomb, New York

MICHIGAN REPRESENTATIVE

NOBLE F. CARR, MANUFACTURERS' AGENT, 616 FARWELL BUILDING, DETROIT 26, MICH.

A
Building
Is a
Symphony



The **Architect** is the **Composer** . . .

From his great talent, imagination and experience
come his symphonies in brick and steel.

The **General Contractor** is the **Conductor** . . .

guided by the score in blueprint, he welds the various
elements into a harmony that interprets
the architect's composition, to achieve an end product
for the appreciation and use of mankind.

•

BARTON-MALOW COMPANY

General Contractors

2631 Woodward Avenue

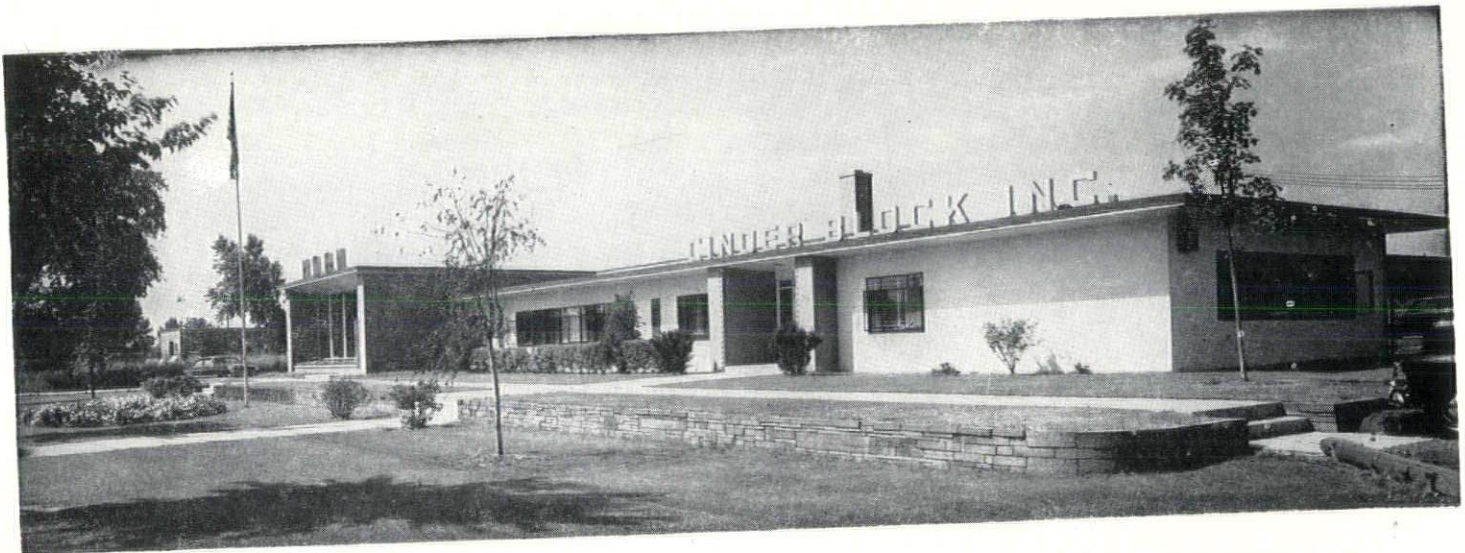
Detroit 1, Michigan

Post Electric Company

ELECTRICAL CONTRACTORS

**Specialists in
Industrial,
Commercial and
Institutional Work**

*1620 W. Lafayette Blvd.
Detroit 16, Michigan
W O o d w a r d 2 - 8 4 1 2*



HORN FUEL & SUPPLY CO.

*An Established Dealer
Carrying a Complete Line of All
Masonry and Plastering Materials*

Distributors of Concrete Masonry Reinforcing

9133 Hubbell Ave., Detroit 28

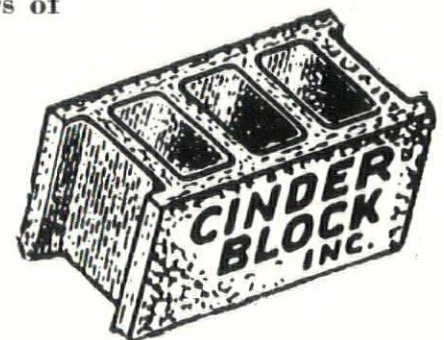
11841 Kercheval Ave., Detroit 14

VErmont 8-2200

VALley 2-4450

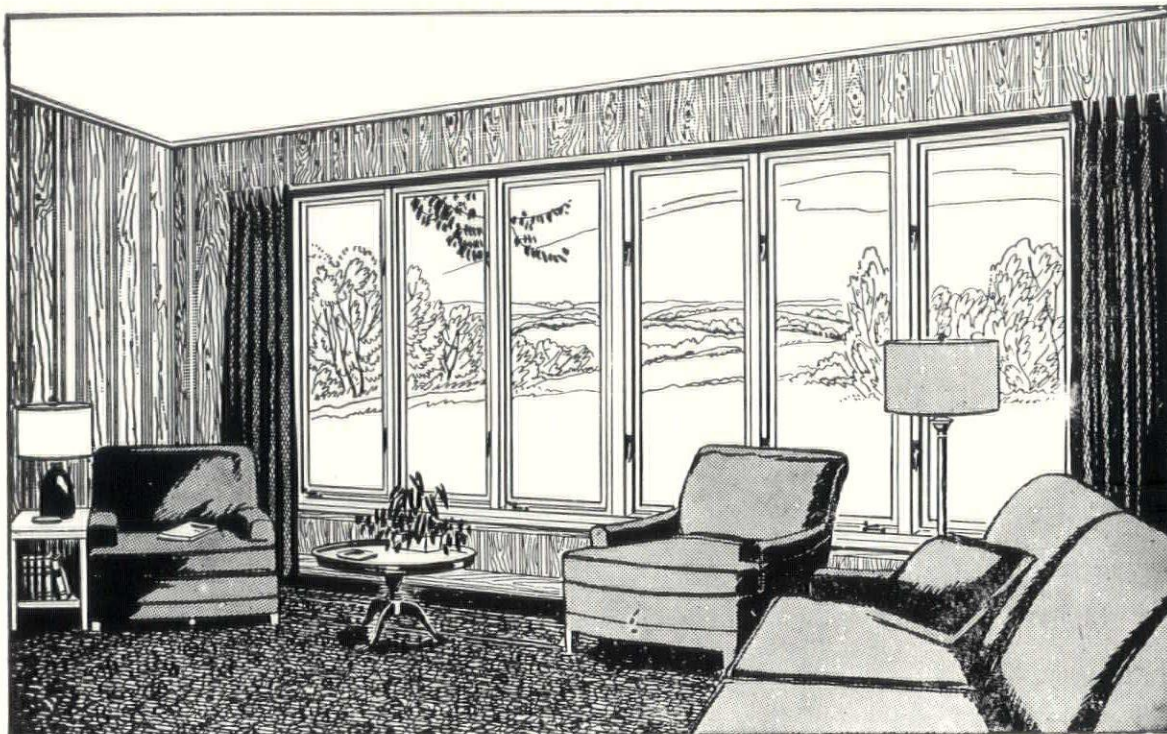
Manufacturers of
Cinder
Concrete
Masonry
Units
Since 1923

CONTROLLED
QUALITY
STEAM CURED



9143 HUBBELL AVE. DETROIT 28 VErmont 8-3200

Window Beauty **FOR YOUR HOME**



WITH A WIDE *Windowwall* **OF ANDERSEN CASEMENT WINDOW UNITS**

More and more window units are being used in homes today.

They give you window beauty — and more. They give you sunshine and fresh air, and snug protection against cold and wet weather.

They serve both as windows and as walls.

Andersen Casements now available in two sash widths and a wide variety of sizes and styles.

Want more information? Call us today!

MICHIGAN DISTRIBUTORS
of ANDERSEN WINDOW UNITS

DETROIT
KIMBALL & RUSSELL, INC.

(Formerly Kimball & Wilson, Inc.)

Wholesale Sash and Doors

2127 FENKELL AVENUE
UNIVERSITY 1-3480

FLINT
SASH & DOOR COMPANY

Wholesale Distributors
Nationally Known Building Products

FLINT, MICHIGAN
TELEPHONE 9-7661
SAGINAW, MICHIGAN
TELEPHONE 2-8174

MR. ARCHITECT AND MR. CONTRACTOR:

Pontiac Millwork Co. is as near as your telephone with their two modern plants, housing the latest electronic equipment and hot plate press known to the modern science of fine architectural millwork and door manufacture. "There is no need to wait for the door of the future, it is here today!"

We are not just dreaming and talking plastic doors to be manufactured and delivered sometime in the future, we are building them now. Why be misled with pictures and printed advertising. Our representative will be happy to call at your office with **actual** samples of our doors for your inspection. We can show you over 1000 reasons that are being opened and shut every day on the Medical Research Building and the Outpatient Clinic at Ann Arbor, Michigan why Pontiac Millwork Company "Pon Tex" solid core plastic doors should be specified. When you think of plastic doors think of "Pon Tex." When you think of "Pon Tex" you will be thinking of a door manufactured right here in Michigan utilizing local personnel fully trained and experienced in the manufacture of fine architectural millwork and doors.

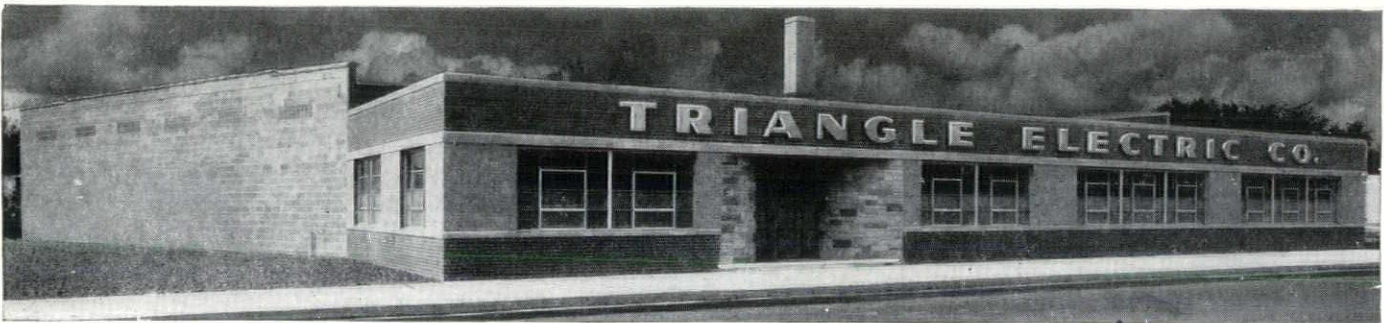
Our plants are also equipped to do the intricate machining required on plastic doors for the hinges, latches, and closing devices of your choice. Specify "Pon Tex," the door of the future here today.

Sash Doors
Interior Finish
and High Grade
Cabinet Work

HOME OFFICE & FACTORY
2005 PONTIAC ROAD
FEDERAL 5-6024

FACTORY BRANCH
FRANKFORT, MICHIGAN
PHONE 7-1121

PONTIAC MILLWORK COMPANY PONTIAC 17, MICHIGAN



WE OFFER YOU 30 YEARS EXPERIENCE
OF SUCCESSFUL COMMERCIAL AND
INDUSTRIAL ELECTRICAL INSTALLATIONS

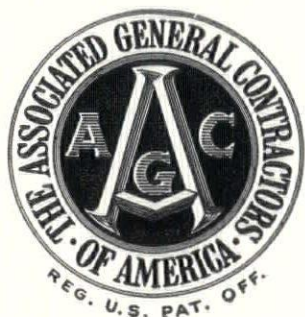
TRIANGLE ELECTRIC COMPANY

4222 EAST McNICHOLS, DETROIT 12, MICHIGAN
TWINBROOK 3-4013

JOE W. ALBRIGHT
O. M. "JACK" O'TOOLE

J. A. Utley Co.

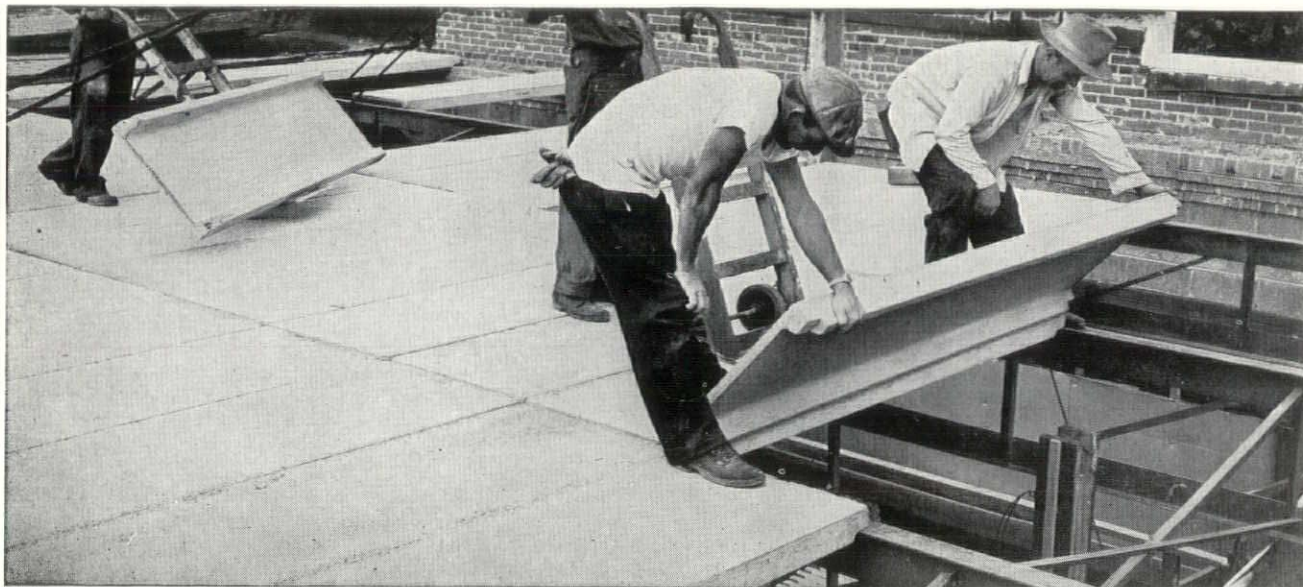
General Contracting



JEROME A. UTLEY, *President*
CHARLES H. RICHERT, *Vice-Pres.*
ARTHUR L. ENDRESS, *Vice-Pres.*
WALTER F. DREYER, *Vice-Pres.*

723 East Ten Mile Road
Royal Oak, Michigan
Jordan 4-6960
Lincoln 1-3280

Flint Branch Office
3821 Lapeer Road
Flint, Michigan
Flint 3-8247



Showing Simplicity of Installation of Truscon Pre-Cast Cement Roof Tile

MANUFACTURED BY

TRUSCON LABORATORIES

DETROIT 11, MICHIGAN

DIVISION OF DEVOE & RAYNOLDS CO., INC.

WE'VE GOT WHAT IT TAKES TO MEET YOUR SPECIFICATIONS!

Whatever your need may be, there is a CONCRETE PIPE made to fit it. Concrete Pipe Association Companies produce a complete range of sizes from 6" to 144" diameters as well as FIVE different strength specifications.

Nine member companies stand ready to meet your specifications with CONCRETE PIPE delivered WHEN AND WHERE the contractor wants it. Write Association for full details.



CONCRETE PIPE ASSOCIATION OF



Michigan INC.

P.O. BOX 416, ANN ARBOR MICHIGAN





HOLCOMB & HOKE
FOLDOOR

Size the room to suit the need with FOLDOOR

- More and more offices, commercial establishments, institutions and residences are discovering the many advantages offered by FOLDOOR. FOLDOOR saves space, saves heating and lighting costs — adds new flexibility, new utility, new beauty wherever used.

With FOLDOOR you size rooms to the size of your clients' needs. FOLDOOR serves as a movable wall — divides large rooms into smaller rooms, each with its own privacy.

FOLDOOR comes in all sizes and in a wide range of lovely, harmonizing colors. Frames are rust-resistant steel — strong, rugged, rigid. Nylon rollers insure quiet operation. Vinyl-coated fabrics are durable, washable, fire-resistant.

Full details and specifications in Sweet's Architectural File. For further information call

DETROIT ROLLING DOOR CO.

19986 James Couzens Hwy.

Detroit 35, Michigan

VERMONT 8-0258

- For Window Cleaning . . .
- For Cleaning of Brick, Stone,
Glass, and Interior Tile . . .
- For Cleaning of Steel
Partitions . . .

. . . always depend on
DAELYTE

DAELYTE has the experience, equipment and specialized personnel to render complete dependable service. Whether a building is the commercial, industrial or institutional type . . . located in Michigan, Ohio, Indiana or Pennsylvania . . . Daelyte's service is available the year around. So whenever the occasion arises for a cleaning job of any kind, don't be in the dark—call "Daelyte."

Other Daelyte Services:

- *Painting*
- *Building Cleaning*
- *Caulking*
- *Sand Blasting*
- *Tuck Pointing*
- *Steam Cleaning*
- *Concrete Repairs*
- *Wall Washing*
- *Water Proofing*
- *Cement Finishing*
- *Glazing*
- *Floor Waxing*
- *24-hour Janitor Service*
- *Cleaning and Pointing
tile in new buildings*

A Daelyte representative will gladly call and explain in detail Daelyte's complete service.

Daelyte Service Co.

Complete Building Maintenance — since 1920

300 Riopelle St., Detroit 7
WOodward 1-4131

K R I E G H O F F C O M P A N Y

**ESTABLISHED
1909**

INDUSTRIAL

INSTITUTIONAL

COMMERCIAL

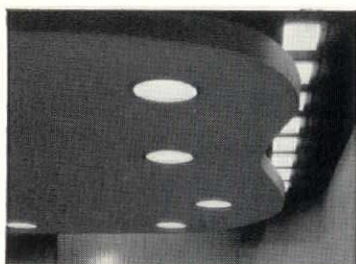
CONSTRUCTION

**6661 FRENCH ROAD
DETROIT 13, MICHIGAN**



Case Study No. 6

Planned Lighting...the silent salesman



Detail showing how the "curtain of light" was achieved.

PROBLEM:

National Automotive Fibres, Inc., Detroit, required lighting that would clearly show finish, style, color and texture of upholstery fabrics. Yet the lighting must be unobtrusive; in good taste; harmonious with display room decorative treatment.

SOLUTION:

Using standard fixtures, Edison lighting specialists designed a warm, inviting "curtain of light" flowing over the display panels. It's working light—light that's a partner in selling the product.



It takes Knowledge and Experience

... to recognize exactly what a lighting problem is. For planned lighting to fit *your* special needs, call the nearest Edison office. This same, practical advisory service is yours, your architect's, your electrical contractor's without cost or obligation.

Detroit Edison

101 YEARS OF CONTINUOUS BUSINESS

HARRIGAN & REID CO.

MECHANICAL CONTRACTORS

1365 BAGLEY AVENUE
DETROIT 26, MICHIGAN
WOODWARD 1-0243

PLUMBING
HEATING
VENTILATING
AIR CONDITIONING

INSTITUTIONAL — INDUSTRIAL — COMMERCIAL



BIRCHARD & ROBERTS

General Contractors

23931 KEAN AVENUE
Dearborn, Michigan

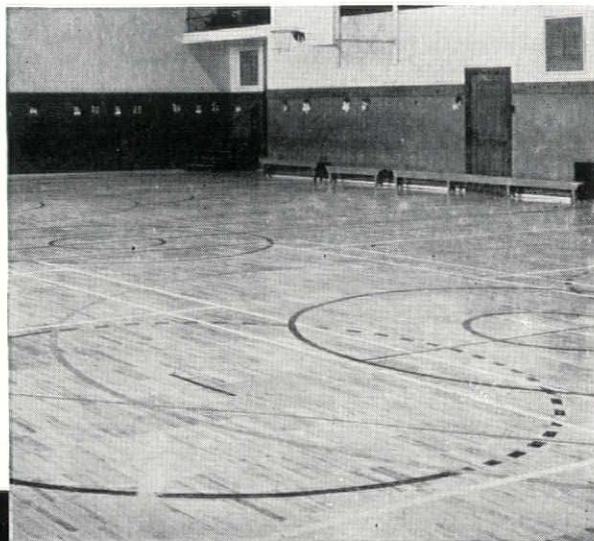
LOgan 3-9562

No Building is Better than its Floors!

Twenty-five years of floor engineering know-how go into each wood floor installation by Whitcomb-Bauer Flooring, Inc. For any of your hardwood flooring problems, either mastic set or nailed, call on Whitcomb-Bauer. Distributors and installers of IRONBOUND CONTINUOUS STRIP* hard maple flooring, flat grain or edge grain, the finest floor obtainable for gymnasiums, class rooms, bakeries, newspaper plants and industrial areas. We specialize in designing and installing heavy duty removable panels for press plants.

*Reg. U.S. Pat. Off.

- WORTHWOOD end grain fir flooring
- IRONBOUND CONTINUOUS STRIP flooring

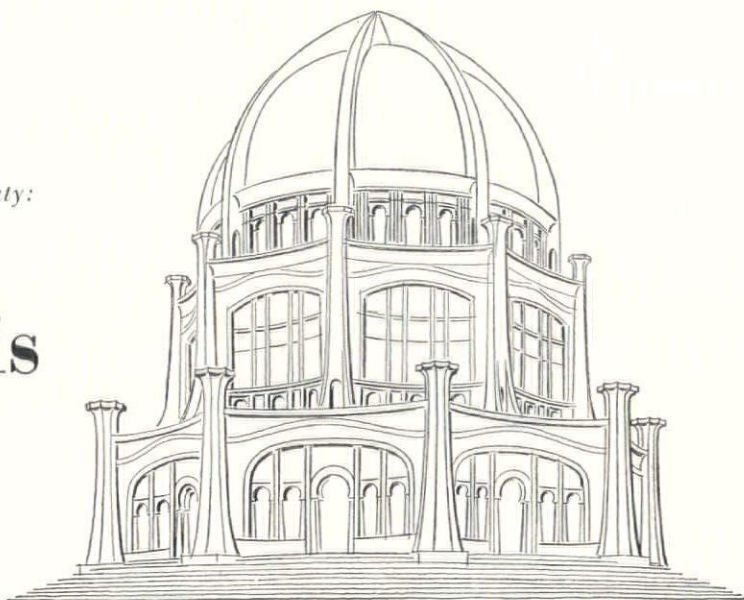


WHITCOMB-BAUER FLOORING, INC.

OFFICE AND WAREHOUSE • 10301 LYNDON AT GRIGGS • DETROIT 21, MICHIGAN • WEBSTER 3-4320

where ANACONDA Bronze contributes enduring beauty:

Temple in Illinois



BAHÁ'Í HOUSE OF WORSHIP, Wilmette, Illinois. Louis J. Bourgeois, original architect for exterior. Shaw, Metz and Dolio, architect for interior. George A. Fuller Company, general contractor.

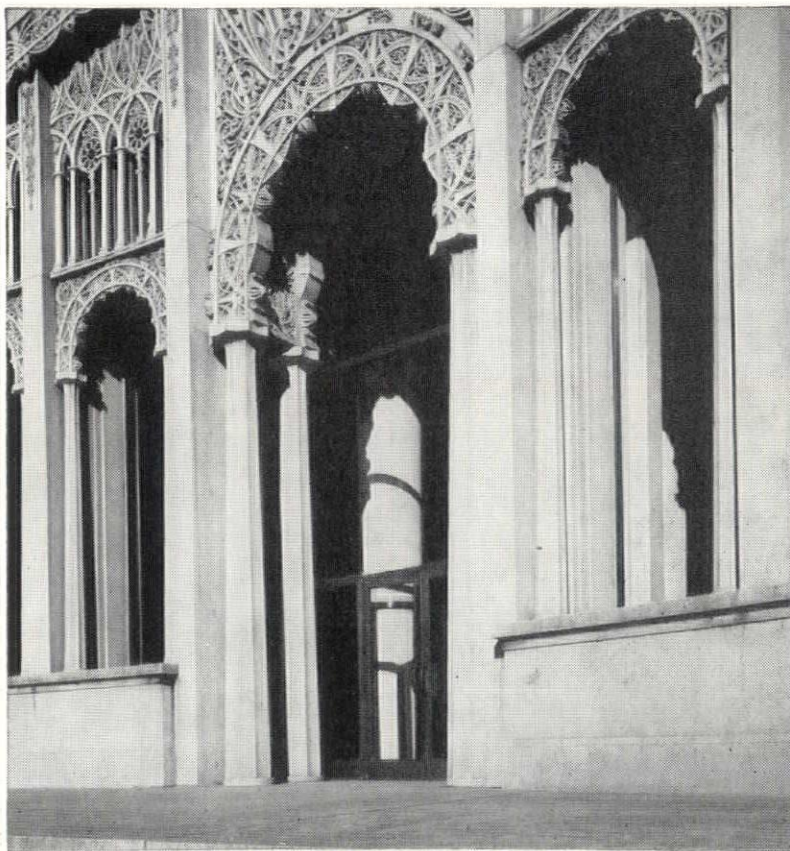
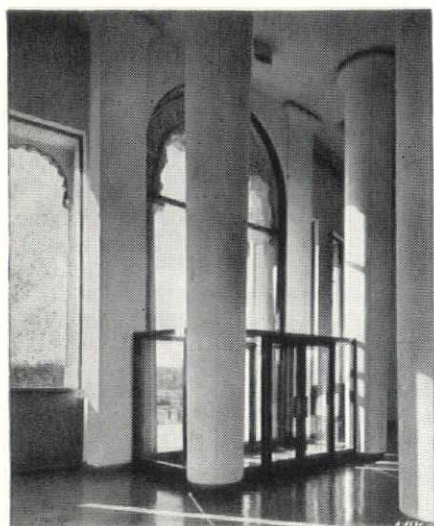
THIS IMPRESSIVE TEMPLE was started in 1920 by members of the Bahá'í faith to express Bahá'í teachings in progressive revelation and spiritual unity of East and West.

In the doors and windows of each of the nine sides of this Temple, the beauty of ANACONDA Architectural Bronze will outlast generations of worshippers. For no other metal surpasses bronze for monumental endurance, warmth or grace of effect. It is the oldest metal known to man — traditional in centuries of noteworthy architecture. Bronze creates the impression of stability and dignity so desirable in public, private and commercial buildings.

5203

Bronze doors and window frames in the Bahá'í Temple were fabricated by Waukegan Architectural, Inc. from extrusions and sheets. For information about ANACONDA Architectural Bronze, write The American Brass Company, Waterbury 20, Connecticut. Detroit Branch and Sales Office: 174 South Clark Avenue.

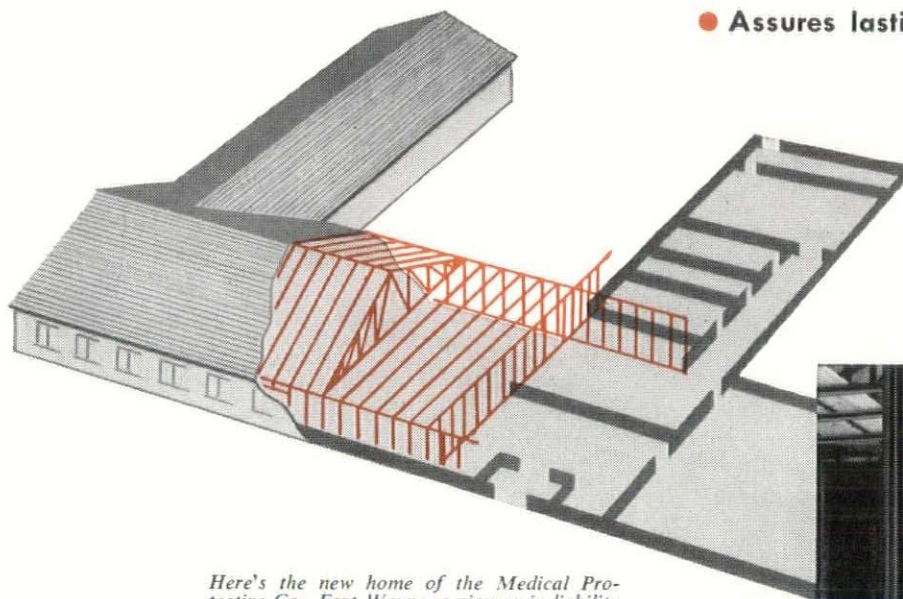
One of the nine entrances (right, exterior; below, interior). Original wood and steel frames were replaced with ANACONDA Bronze. First floor took ten tons.



In This Modern Office Building

STRAN-STEEL® FRAMING

- Shortened construction time
- Lessened construction costs
- Assures lasting quality



Here's the new home of the Medical Protective Co., Fort Wayne, a pioneer in liability insurance for the medical profession. Cut-away drawing above shows a portion of the building's Stran-Steel Framing system, including exterior walls, interior partitions, and roof trusses.



The new Medical Protective Company's building was completed and in use in less than 10 months. "The time saved in construction," according to B. R. Lancaster, Vice President and Secretary, "due to use of Stran-Steel Framing, resulted in considerably less cost."

Architect for this building was John D. Martindale, A.I.A., and general contractor was Civilian Building and Supply, both of Fort Wayne.



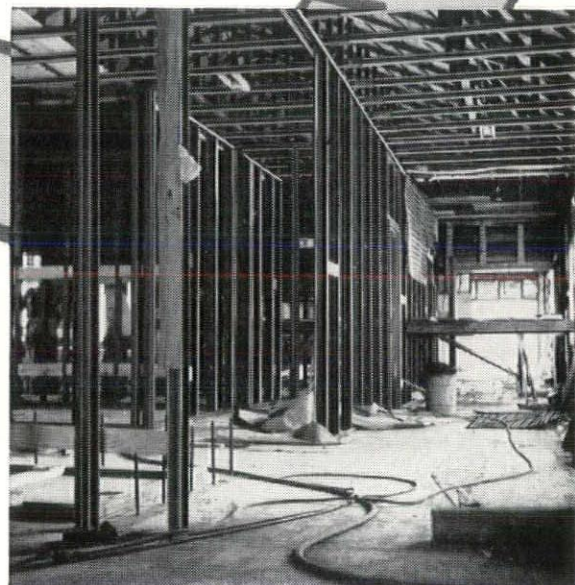
A complete system, Stran-Steel Framing is particularly well suited to schools, hospitals, garden-type apartment structures, industrial and public buildings. It has been specified by architects from coast to coast with resulting economies, earlier completion, and client satisfaction. Write us for details on any of your specific projects.

GREAT LAKES STEEL CORPORATION

Stran-Steel Division

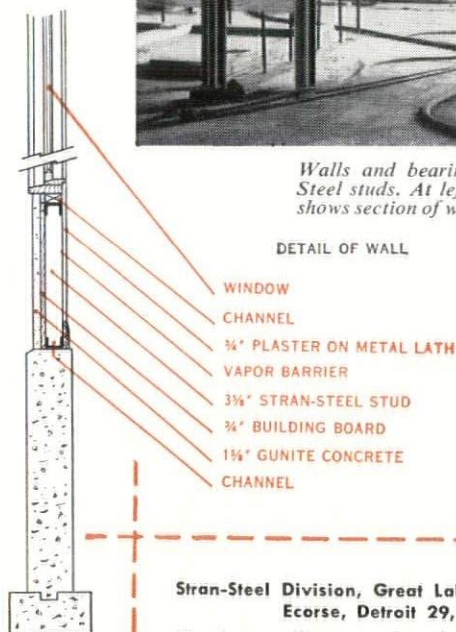
Ecorse, Detroit 29, Mich.

NATIONAL STEEL CORPORATION



Walls and bearing partitions are of Stran-Steel studs. At left, architect's detail drawing shows section of wall.

DETAIL OF WALL



Stran-Steel Division, Great Lakes Steel Corporation
Ecorse, Detroit 29, Michigan

Gentlemen: Please send us factual information on the advantages of lightweight Stran-Steel Framing for industrial and commercial building.

Company Name.....

Individual.....

Address.....

City..... State.....

Z

architecture is a profession

chitects, and in some cases send out invitations to "bid" to a number of firms.

A few months ago the City of Saginaw inserted an advertisement of this kind in the newspapers there and elsewhere, which put architectural services strictly on a basis of price. It is reported that architects of the district did not submit "bids" but instead informed the City officials concerned that such a procedure was not proper. It is a sorry commentary that others from without the district did comply with the request, thereby adding to the confusion of those in charge.

The Bloomfield Hills School District did a similar thing not long ago, but it is believed that in this instance the building committee was promptly informed of the incorrect procedure. Certainly one would not think

of engaging a doctor, lawyer or other professionals on that basis.

The brochure "Organizing to Build," published by the Society answers most of the questions one might have regarding proper procedure in employing an architect, including a schedule of recommended minimum charges. There is nothing mandatory about the fees, but just what has been arrived at by the profession over a period of many years, as being fair to both client and architect. Ours are not price-fixing organizations. One can give away his services if he chooses, but if he is to give proper service and stay in practice there are certain minimums below which he cannot go. Often when fees are quoted below the standard the results are less service. This does no one any good and actually breaks down the advances

Recently the Board of Directors of the Detroit Chapter, A.I.A. has received several complaints regarding its members' conduct in serving their clients. Some of these have had to do with methods of solicitation, particularly where school boards are the clients. Such boards are often misinformed about the proper procedure in employing ar-

table of contents

Frederick Gutheim	21
Charles A. Blessing	21
M.S.A. Convention	22-29
Products News	30

Western Michigan, AIA	31
Saginaw Valley, AIA	31
Specification Outline	32-33
James H. Livingston	34

M.S.A. Roster	37-40
Producers' Council Roster	41
National Architect	61-80
Charles E. Firestone	68-76

SCHEDULE OF ISSUES MONTHLY BULLETIN

Michigan Society of Architects, 1953

MAY—SAGINAW VALLEY A.I.A.

JUNE—WESTERN MICH., A.I.A.

JULY—EERO SAARINEN & ASSOCIATES

AUGUST—10th ANNUAL MACKINAC MID-SUMMER CONFERENCE

SEPTEMBER—O'DELL, HEWLETT & LUCKENBACH

OCTOBER—ANNUAL M.S.A. ROSTER (Geographical)

NOVEMBER—DETROIT CHAPTER, A.I.A.

DECEMBER—LEINWEBER, YAMASAKI & HELLMUTH

1954, JANUARY — WILLIAM EDWARD KAPP

FEBRUARY—FRANTZ & SPENCE

MARCH—40th ANNUAL M.S.A. CONVENTION

APRIL—ANNUAL M.S.A. ROSTER (Alphabetical)

monthly bulletin, michigan society of architects

MONTHLY BULLETIN

Michigan Society of Architects

120 Madison Ave., Detroit 26, Mich., WO. 5-3680

Official Publication of the Michigan Society of Architects: Linn Smith, President; Charles B. McGrew, 1st Vice-president; Adrian N. Langius, 2nd Vice-president; Paul A. Brysselbout, 3rd Vice-president; Ralph W. Hammett, Secretary; Elmer J. Manson, Treasurer; Directors — Roger Allen, L. Robert Blakeslee, Phillip C. Haughey, Sol King, Ralph W. Knuth, James B. Morison.

The name "Monthly Bulletin, Michigan Society of Architects" is owned by Monthly Bulletin, Inc., a subsidiary of the Michigan Society of Architects, a Michigan non-profit corporation. Otherwise owned by Talmage C. Hughes, F.A.I.A., founder (1926), editor and publisher, Executive Secretary of the Society and of the Detroit Chapter, The American Institute of Architects.

Edited and published under the direction of Monthly Bulletin, Inc.: Adrian N. Langius, President; Sol King, Vice-president; Paul A. Brysselbout, Secretary-treasurer; Talmage C. Hughes, Resident Agent.

Other Society Committees:
Executive—Linn Smith, Chairman; Ralph W. Hammett, Sol King, Charles B. McGrew.

Administrative—Sol King, Chairman; Ralph W. Knuth, Adrian N. Langius, Elmer J. Manson, Charles B. McGrew.

Public and Professional Relations—Charles B.

McGrew, Chairman; Roger Allen, Paul A. Brysselbout, Adrian N. Langius, James B. Morison...

Education and Research—Ralph W. Hammett, Chairman; L. Robert Blakeslee, Phillip C. Haughey, Sol King, Ralph W. Knuth.

Publicity—Phillip C. Haughey, Chairman; Lyall H. Askew, Leo M. Bauer, Neil C. Bertram, Paul A. Brysselbout, Talmage C. Hughes, James B. Morison, C. A. O'Bryon.

APELSCOR—Charles B. McGrew, Chairman; Earl G. Meyer, Alternates: L. Robert Blakeslee, James B. Morison.

Building Industry Banquet—James B. Morison, Chairman; Paul B. Brown, Talmage C. Hughes.
1953 Midsummer Conference, August 6-8, 1953—Clarence H. Rosa, Chairman.

Monthly Bulletin is also official publication of the Detroit Chapter of The American Institute of Architects: Amedeo Leone, President; Suren Pilafian, Vice-president; Gerald G. Diehl, Secretary; Leo I. Perry, Treasurer; L. Robert Blakeslee, Louis Rossetti, Paul B. Brown, Eero Saarinen, Directors; Talmage C. Hughes, Executive Secretary.

OFFICIAL PUBLICATION—Western Michigan Chapter, A.I.A.: Peter Vander Laan, President; Hubert W. Van Dongen, Vice-president; Richard G. Snyder, Secretary-treasurer; Elmer J. Manson, James K. Haveman, Directors.

OFFICIAL PUBLICATION—Saginaw Valley Chapter, A.I.A.: Paul A. Brysselbout, President; Ralph W. Knuth, Vice-president; Willard E. Fraser, Secretary; George S. Hawes, Treasurer.

including national

architect

OFFICIAL PUBLICATION—National Council of Architectural Registration Boards.

Charles E. Firestone, Canton, O., President; Fred L. Markham, Provo, Utah, 1st Vice-president; Bartlett Cooke, San Antonio, Texas, 2nd Vice-president; Edgar H. Berners, Green Bay, Wisc., 3rd Vice-president; William L. Perkins, Chariton, Iowa, Secretary-treasurer.

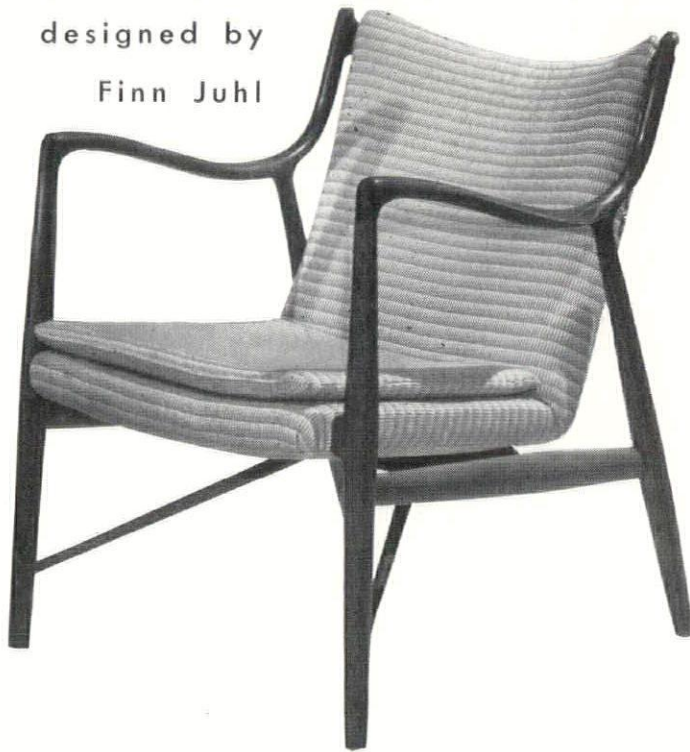
Executive Committee consists of aforementioned officers and Roger C. Kirchoff, Milwaukee, Wis. Council Board of Review: Walter F. Martens, Charleston, W. Va.; Lusius R. White, Jr., Baltimore, Md.; Ralph Edward Winslow, Troy N. Y.

Theodore G. Seemeyer, Jr., Advertising Director; Edward B. Stapleford, National Advertising Representative, 120 Madison Avenue, Detroit 26, Mich. WOodward 5-3680.

Address all inquiries concerning National Council of Architectural Registration Board to William L. Perkins, Secretary-treasurer, 736 Lucas Ave., Chariton, Iowa.

Subscription \$3 per year (members \$1.50). 30¢ per copy (Rosters \$1).

designed by
Finn Juhl



BAKER FURNITURE, INC.
Holland, Michigan

CHICAGO
6TH FLOOR MERCHANDISE MART

NEW YORK
THE MANOR HOUSE
385 MADISON AVENUE

LOS ANGELES
8778 BEVERLY BOULEVARD

EXECUTIVE OFFICES: EXHIBITORS BUILDING, GRAND RAPIDS 2, MICHIGAN

made over a long period.

An Architect who holds out free sketches as a means of obtaining a commission is also doing the profession great harm. It is no different from the "package" service which has been so much opposed by the profession. The only reason it is at all advantageous is because all competitors do not offer such service. If they did then all would be on an equal basis, but in a weakened position, having bargained away a part of his services "free," and what is perhaps the most valuable service he has to offer.

There is recognized a problem common to school boards, and that is that they generally hesitate to expend money for sketches before a bond issue is voted, yet they need something on which to estimate costs and to form a basis for submission of a bond issue to the voters. It does seem that they should have a budget sufficient to employ technical assistance in making a survey of the school district's needs, to prepare a program including single-line diagrams from which reasonably accurate estimates might be prepared. Certainly an architect should be given a contract before he is expected to make sketches. After that he should make all the sketches necessary, and eventually be paid for them.

The booklet "Organizing to Build" is still available at 15 cents per copy.

advertisers

Ace Sprinkler Co.	57	Dunn Blue Print Co.	43	Michigan Consolidated Gas Co.	2
Aluminum & Architectural Metals Co.	52	Dunn-Rainey Co.	53	Michigan Drilling Co.	50
American Brass Co.	17	Durako Paint & Color Corp.	45	Miller, A. J., Inc.	59
American Radiator—Standard		Eynon, A. C. Plumbing Co., Inc.	79	Monthly Bulletin (books)	45-53
Sanitary Co.	3rd Cover	Freeman-Darling Co.	59	Mosaic Tile Co., Zanesville, Ohio	56
Anaconda Bronze	17	Freeman, John H. Co.	51	Moynahan Bronze Co., Inc.	52
Arrow Steel Co.	60	Firestone Printing & Publishing Co.	48	Mulcahy & Collins	58
Associated General Contractors of		Flint Sash & Door Co.	9	National Steel Corp.	18
America, Detroit Chapter, Inc.	2nd Cover	Forte, G. Co.	45	Nelson Co.	55
Back, Wm. F. Lumber Co.	52	Gale, W. D. Inc.	44	Odien, G. A. Equipment Co.	55
Baker Furniture Co.	20	Gibraltar Floors, Inc.	51	Pagel's, Inc.	44
Barton-Malow Co.	7	Glasslate, Inc.	47	Penn Metal Co.	43
Beyster, William, Inc.	53	Grace Harbor Lumber Co.	52	Plastic Products Co.	36
Bickel, Clyde Co.	4	Great Lakes Steel Corp.	18	Pontiac Millwork Co.	10
Birchard & Roberts	16	Gypsum Constructors, Inc.	53	Post Electric Co.	8
B & L Electric Co.	47	Halke Bros.	57	Price Brothers Co.	2
Boice Builder's Supply	59	Hamill Electric Co.	59	Rayl Company	60
Boosey, Norman Mfg. Co.	56	Hamill, N. W. Co.	58	Raymond Concrete Pile Co.	45
Boston Tile & Terrazzo Co.	57	Hanley Co.	54	Reflective Insulation Co.	54
Brodie, J. & Son, Inc.	57	Harlan, C. Allen	1	Restrict Lumber Co.	52
Brooker Electric Co., Inc.	46	Harrigan & Reid Co.	16	Rogers, Maurice V. Co.	55
Brown & Ralsch Co.	57	Harty, R. V. Co.	48	Russell Plastering Co.	56
Bruny Bros., Inc.	56	Heineman & Lovett Co.	54	Sauer, Otto H. Co.	58
Burke, O. W. Co.	51	Hickey, Shaw & Winkler, Inc.	49	Service Art Plastering Co.	57
Busby, John H. Co.	50	Hilscher-Clarke Electric Co.	80	Sibley, F. M. Lumber Co.	52
Campbell Letter Shop	56	Hoge-Warren-Zimmermann Co.	58	Sonneborn, L. & Sons, Inc.	57
Candler, J. D. Roofing Co., Inc.	51	Horn Fuel & Supply Co.	8	Spitzley, R. L. Heating Co., Inc.	52
Canton Structural Steel Co.	77	Holmes, C. L. Co.	56	Stafford, A. G. Co.	70
Carr, Noble F.	6	Huron Portland Cement Co.	47	Stark Ceramics, Inc.	66
Cartwright & Morrison, Inc.	6	Hutton, Robert & Co., Inc.	52	Stevens, Frederic B., Inc.	49
Century Brick Co.	47	Josam Mfg. Co.	59	Talbot & Meier, Inc.	60
Cinder Block, Inc.	8	Kaufmann Corp.	43	Tarnow Electric Supply Co.	57
Commercial Contracting Corp.	52	Kimball & Russell, Inc.	9	Terrazzo Resilient Floor Co.	77
Concrete Pipe Association of Mich.	12	Krieghoff Co.	14	Thomas Brick & Tile Co.	50
Contracting Plasterers' Assn. of Mich.	43	La Salle Supply Corp.	50	Tuller Hotel	48
Coon-DeVisser Co.	49	Leggett, R. E. Co.	59	Triangle Electric Co.	10
Cooper Construction Co.	56	Lincoln Brick Co.	44	Truscon Laboratories	12
Couse, Walter L. Co.	54	Livingston, J. & Co.	46	Turner-Brooks, Inc.	58
Covey, Ray W.	59	Long Sign Co.	50	Utley, J. A. Co.	11
Daelyte Service Co.	14	Lyons, Ray T. Co.	54	Vermont Marble Co.	42
Darin & Armstrong, Inc.	53	Mack Iron Works Co.	59	Viking Sprinkler Co.	55
Davis Bros., Inc.	51	Madison Electric Co.	6	Walbridge, Aldinger Co.	3
Den Braven, M. Co.	53	Mahon, R. C. Co.	4th Cover	Weigand, O. J.	80
Deppmann, R. L. Co.	44	Marietta Concrete Corp.	62	Whitcomb-Bauer Flooring, Inc.	16
Detroit Brick & Block Co.	4	Marsh Wall Products Co., Inc.	80	Wilkins, M. H. Co.	58
Detroit Edison Co.	15	Martin, F. H. Construction Co.	53	Williams Equipment & Supply Co.	48
Detroit Electrical Contractors Assn.	53	Mason, N. Co.	60	Winkworth Fuel & Supply Co.	54
Detroit Rolling Door Co.	13	McDonnell Bros., Inc.	46	Wolverine Marble Co.	46
Detroit Steel Products Co. (Want Ad)	36	Mechanical Heat & Cold, Inc.	58	Wolverine Porcelain Enameling Co.	56
Dickinson, H. H. Co.	54	Melbourne Bros. Construction Co.	79	Young, Ben T. Waterproofing Co.	58
Donley Bros. Co.	64	Mercier, John A. Brick Co.	55	Zonolite Co.	49

detroit chapter meeting report



Frederick Gutheim

Members of the Detroit Chapter, A.I.A. heard Frederick Gutheim of Washington, D. C. at their regular monthly meeting in the Rackham Memorial building on the evening of March 25. He spoke on the subject, "Have We One Architecture or Two?"

In the absence of Chapter president Amedeo Leone, who, with Mrs. Leone, is vacationing in Florida, Suren Pilafian, vice-president presided. He reported to the membership on the board meeting of that afternoon, and called upon John Cross who brought members up to date on activities of his Committee on Relations with the Construction Industry. Pilafian awarded an "Oscar" to Mr. and Mrs. Walter J. Rozycki for winning popular vote in the Architect's Own Home Exhibition at the recent M.S.A. Convention.

Pilafian also reported on the A.I.A.' members' listing in the yellow pages of the

telephone directory, saying that the cost to individuals would be less and the Chapter would make up the difference. Jokingly, he said the board was considering raising the dues because of this.

On being introduced by Wilhelm Von Moltke, chairman of The Chapter's Program Committee, Mr. Gutheim launched into his subject by saying that it was interesting to speculate on what is happening to architectural design today. The two architectures, as he sees them, are exemplified by the work of Frank Lloyd Wright and that of Le Corbusier, and he said that the client must decide which architecture is for him. Wright, he said, visions Broacre Cities, while Corbusier is more interested in skyscraper apartments and the like, characterized by classicism. Le Corbusier, he said, believes in cities, while Wright hates them and says he would have them destroyed. Wright's Taliesin West he designated as a symbol of ruins, which in the end goes back to naturalism.

By color slides, the speaker illustrated the two kinds of architecture and expressed the view that this is a day of large projects, emphasized by the fact that 113 large corporations own nearly one half of industrial wealth of our nation.

In the question-and-answer period the speaker stated that he felt the most significant fact about architecture of today is its becoming industrialized, and he added that it was regrettable that the architects have failed to control it. He mentioned that Louis Skidmore told him that his firm employed more accountants than architectural designers, which indicated the trend for architects to save their clients' money by studying their processes and items of costs. Only Johnson Wax can take a chance on the unusual, he said, while others feel they must play it safe.

detroit chapter's next meeting



Charles A. Blessing

Detroit's New Director of City Planning

Charles A. Blessing, A.I.A., Detroit's new director of city planning, will be the speaker at a meeting of the Detroit Chapter, American Institute of Architects following a dinner meeting in the Rackham Memorial Building Thursday evening, April 16. He will use color slides to illustrate his talk on "The Contributions of City Planning to Detroit's Future."

Blessing, formerly director of planning for Chicago was chosen for his Detroit position following an examination of nearly 40 planners from all parts of the nation. He brings a broad background of experience in architecture, engineering and city planning, having university training in three fields, at M.I.T. and the University of Colorado. His experience has been in city, state and regional planning in New Hampshire, Boston and Chicago. For the past five years he was director of planning for the City of Chicago.

Mr. Blessing is quite enthusiastic about the prospects for Detroit planning, and this should interest many in Detroit who have worked for a better-planned City.

m.s.a. 39th annual convention

How would you like a house in the Statler Ball Room? Neil Gabler and his committee built one there to open the Michigan Society of Architects' 39th Annual Convention Wednesday evening, March 11. It might have been voted the house the public liked best, but it wasn't, because it was not an architect's own house. It was for clients Mr. and Mrs. "Horace," in the persons of Norma Richards and Ernest J. Dellar, A.I.A. C. W. Ditchy, as designer St. Clair, won the commission to design and supervise—at 1%. The "house" to see the house was standing room only as Fred Schoettley MCd while George Diehl laid bricks, president Linn Smith shingled and Frank Wright plastered. In about an hour, the house was delivered, complete with landscaping, picture window with lamp, furniture and all modern inconveniences, such as electric lights.

Registration reached 411, as compared to 375 last year. President Linn Smith presided at the business session, Leo M. Bauer, past president, delivered the keynote address. Reports were heard from officers and committees, and by-laws changes were approved.

James B. Morison, as general chairman of the convention committee, and all of his sub-committees, deserve much credit, for an outstanding service in obtaining such speakers as Ben John Small on specifications, William Lescaze on architecture, and Philip N. Youtz on Liftslab. All events were well attended.

The banquet, arranged by Paul Marshall and his committee, was the crowning event. It taxed the facilities at the Statler with well over 1,000 present. President Smith again presided and presented the Society's first medal to past president Leo M. Bauer, honorary membership to sculptor Marshall Fredericks, and the public vote of first place in the architects' own house exhibit to Mr. and Mrs. Walter J. Rozycki for completely new house and Mr. and Mrs. Warren Platner for remodeling.

President Smith introduced Mr. Ivan N. Kirlin, who presented the \$1,000 prize in the Kirlin lighting competition sponsored by the Society, to David Hamilton. Adrian N. Langius did himself proud as toastmaster, and Cal Tinney kept the audience roaring with laughter.

Highlights: the ladies who added so much—71 were registered. The distinguished results of the design committee, headed by John Knapp, for colors, style and arrangement of literature, carrying through the exhibits, John N. Richards, our regional director, and Mrs. Richards. Rollin Rosser, president of Architects Society of Ohio. Telegrams from A.I.A. president Glenn Stanton, also from George J. Haas, A.I.A., formerly of Detroit, now of Miami, Fla. Good public relations—in the press, on radio and TV.

KEYNOTE ADDRESS

By Leo M. Bauer

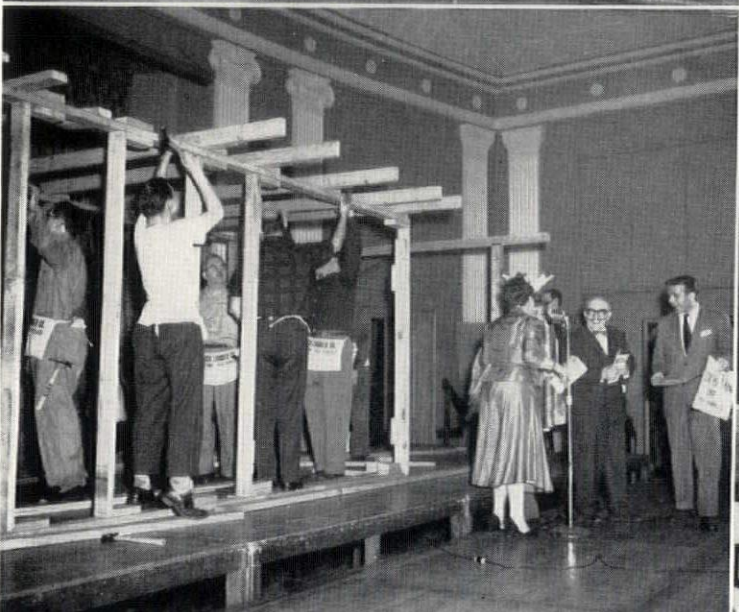
We are gathered here for the opening meeting of this great Convention. Suffice it to say that this will be the greatest of all, considering the character of the exhibits, the speakers of prominence, and the tours which have been arranged. Is it that we architects are more needful than ever of more meetings such as this? I should say that we are come here, not necessarily for the fellowship of our colleagues, but rather for an exchange of ideas, as well as to see and to learn about the work of each other. Such exchanges make ours a contribution to ever-changing conditions, and the economics of a fast moving society. Look all about you, browse through our trade journals, magazines and newspapers, and you see a tremendous surge of advertising for methods, materials and men; as though our whole philosophy were engulfed by that field. And the pillayer seems never ending. Be it a dynamic gadget, a giant machine, or a newly discovered pharmaceutical product, the accent is on its quality, and that it is necessary to our well being. The field of advertising is one of the greatest, if not the greatest of American businesses.

It is our profession which is the foundation of our advertising. Through our ingenuity we provide the form, the specter, and the intellect. Yet through it all, our profession, great though it may be, finds it difficult to obtain the recognition which is rightfully ours. Is it because humanity accepts us and our work as a matter of course, or is it because we ourselves are lacking? Humanity accepts the pyramids, the great cathedrals, and all the work of the great masters without making inquiry as to its author and origin. We are lacking. The profession should advertise, should be a publicity-seeker, and the need was never greater than now. You need not be reminded that not one-tenth of the population knows what an architect is, or what service he performs. The reason is simple. The public has not been informed either by word or by story. And we alone as architects are to blame. Yet, our profession is worthy of the greatest amount of the finest publicity.

You may recall that the Michigan Society of Architects sponsored a small homes competition last year, of which the Concrete Masonry Association of Detroit was the donor. That competition produced fifty-eight designs, the most of which were recently published in book form by the Association. The first printing was ten thousand copies, which have been sent to producers of masonry concrete units throughout the land. As a result of that competition I learn that at least three state organizations of the Concrete Masonry Association will conduct a similar competition as we had in Michigan. I

(Continued on Page 24)

hotel statler, detroit, march 11-13



Pictures show anything can happen when you start to build.

Top: Selecting the architect, and, as Norma said, "the excavation looks too deep."

Middle: "Horace" and Mrs. help architect St. Clair supervise framing.

Architect George F. Diehl does the best bricklaying in town.

Bottom: Frank H. Wright, A.I.A. gets plastered; final inspection is made, as architect hangs his head.

Some photos by William Bradley, some by Winn Brunner

(Continued from Page 22)

believe you will agree that this is one of the finest means of publicity the profession in Michigan has enjoyed in some years.

All of the states in the union have registration acts for the profession. Some are joint with the engineers, while others are separate statutes. In no instance can it be said that statutes are the same; made so by the composition of our legislatures, whose members are mostly from the rural areas. These legislators do not understand, nor have they been taught, that the fields of architecture and engineering are very complex and require men of the highest intellect and broad training. While we have the hope, the chance is very remote that we shall ever have a national registration act enforced alike and in the same manner by all the states. At least, such cannot come about until the great public of this nation are properly informed and educated that architects are just as necessary to society as clothing for our bodies or shelter for our protection. It seems to me that the profession, not only in Michigan, but on a national basis, must indoctrinate anew the millions of our population, so that all may know not only the desirability but the necessity of architects in their every construction operation.

I challenge this convention that the Michigan Society of Architects can well afford to take the lead in this matter of publicity and public relations. Firstly, it will mean carrying our message in a more intimate manner to those registrants of our state and to the public at large. A program has been undertaken by The American Institute of Architects at a much too late date. I say that we can ill afford to bide our time further because of the encroachment of governmental agencies and the package dealers on our profession. They all challenge our means of livelihood, and it is high time that the situation be corrected. This can be done by a program in the public school systems of our State and Nation, sponsored by architects with collaboration of the public. I say, we shall meet the challenge.

administration committee

Sol King, Chairman

Immediately after last year's convention, the Administration Committee resumed contract negotiations with Mr. Hughes, Editor of the M.S.A., Monthly Bulletin. The negotiations consumed nearly four months of valuable time and created anxiety and concern to the Board, editor and committee. In June 1952, a contract agreeable to all concerned was consummated. Since then, the committee, the Monthly Bulletin Corporation and the editor have been reviewing periodically, matters of policy pertaining to editorial content, advertisement, finance and character of the Bulletin format.

It is readily admitted, that the high caliber of the publication, we now enjoy, is due almost entirely to Mr. Hughes' ability and resolute devotion to the task of publishing the Bulletin since 1926. It is also the Committee's firm belief that the effort put forth by the board in behalf of the Bulletin during the past year, has been constructive

and in the best interests of the general membership of the Society.

Pursuant to instructions from the Board, the Administration Committee also devoted time considering very seriously the selection of a worthy candidate to receive the Society's first medal of honor. Our recommendation was unanimously adopted by the Board.

Another assignment carried out by the Committee was the drafting of four revisions to the existing by-laws. These revisions were published in the February issue of the Bulletin, received approval of the M.S.A. Board, the three chapters and the Institute, and will be offered for formal confirmation by the membership during this session.

Finally, the Committee prepared a budget in the amount of \$5,400.00 for 1953, which was submitted to and adopted by the Board.

public relations

Charles B. McGraw, Chairman

Owing to the fact that the membership of this Committee is from throughout Michigan, it has not been reasonable to hold meetings other than at regular meetings of your Board of Directors. We have depended largely on the mail to keep each other informed.

The principal project during the current year has been the study of a group life insurance plan for members of this Society and their employees.

This project has passed the preliminary stages. Members have been informed of our efforts by letters and the majority have indicated their interest and approval of such a plan. Marsh and McLennan, nationally known insurance consultants, have been engaged, without cost to the Society, to prepare a policy form, complying as nearly as possible to our own requirements, to obtain approval thereon from the State Insurance Commission, and to obtain proposals. The policy which they have tentatively worked out comes very close to what we originally suggested. Bids cannot be requested until the average age of individuals who will make up the group is known, and this we have been authorized by your Board of Directors to obtain.

Application cards will be mailed within a few days, together with an explanatory letter. Members are urged to go over this letter with their office forces, and return the application cards completely and accurately filled out. Information provided by these cards will be used first to determine the premium rate, and if the plan becomes a reality, they will become the official application cards.

It is the belief of your Committee that this will be a distinct service to the membership, regardless of other insurance they may carry, as it will provide a means of obtaining additional protection at minimum costs.

publicity

**Phillip C. Haughey, Chairman*

Your Committee feels that increased ef-

fort should be expended to maintain and improve the favorable press notices which the profession has received in the last few years. Descriptive articles explaining the work of the architect and encouraging the entrance of young trainees into the profession should be prepared and submitted to publication, since the lay public is so unfamiliar with the profession and its scope.

We are gratified with the local publicity which has been made available to the press, particularly outside Detroit, and we feel that more of this type of local mention would be beneficial to the profession in general, and to the small, local practitioner in particular.

Your committee is proud of the format and contents of the Monthly Bulletin of the Society. We believe it to be one of the outstanding publications of any branch of the Institute, and we recommend the continuance of activities which have made it prosper, and the encouragement of policies which will allow the Bulletin to increase its circulation, particularly to non-architects. We would also encourage steps which would tend to allow the Bulletin to increase its effectiveness, and eventually its financial return to the Society.

We endorse and favor continuing the services of the Special Representative. His past activities in watching legislation, in meeting and conferring with Society members in their own offices, and in writing and gaining publication of innumerable news stories, articles, and notices concerning the profession; all these activities have helped to produce a cohesion and a feeling of unity such as has never been possible before. We would like to see his activities extended to provide for outstate the same coverage which has been available in Detroit. We feel that publicity immediately preceeding and following local chapter meetings should be comparatively easy to secure, and should be newsworthy.

In addition to continuing the current program as outlined in the foregoing, we recommend:

1. That the booklet, 'Organizing To Build' be kept up to date, and that periodical reminders of its availability be made known to membership and the building industry.
2. That a similar booklet be devised for distribution to contractors. This booklet would also outline the services of the architect, but would lay especial stress and emphasis on the desire of the architect to work with the contractor, and on the architect's unique contribution in analysis and design, in the production of better buildings.
3. That further study be given to the possibility of the production of a 16mm motion picture or a film strip which would explain the profession of architecture to the layman. We believe it would be possible to find a donor for such a film, so it could be produced at no expense to the Society. Such a film would be made available for schools, clubs, radio and television fillers.

It is obvious that even current activities

of the Society cannot be maintained indefinitely without a substantial increase in the revenue of the Society. Extension of activity is out of the question unless our financial picture improves. Last year our dues of \$3.00 per member produced only \$1,685 of income, which was roughly 1/7 of our expenditure for the year. In order to bring in more revenue so that current activities can be continued and new ones developed, we have made definite recommendations which your Board has under consideration.

by-laws

By-laws changes approved at 39th Convention March 12, 1953.

Article 1. Section 3. Honorary Membership. Strike out "from among the active members."

Article 7. Section 4. Heading of "List of Members" to be changed to "Member Emeritus"—this Section to read:

An architect who has been an active or non-resident member in good standing of the Society for not less than fifteen years and either has attained the age of seventy years or is incapacitated and unable to engage in any vocation may be exempt from the payment of annual Society dues upon action by the Board of Directors. Under exceptional conditions the requirement of the period of good-standing may be lessened but no other requirement.

A member Emeritus shall be elected for life and shall have the same rights and privileges of active members but his local chapter shall not assess or collect from him the portion of the local dues which are to be levied for the use of the Society.

Article 1. Section 4. to become Section 5 and Section 5 to become Section 6.

NOTE: Proposed changes to by-laws as published in the February issue of the Bulletin were also approved.

bauer citation

The Michigan Society of Architects Medal recognizes your magnificent and selfless contributions to the architectural profession. Through your efforts and by your leadership the profession has gained stature and strength far beyond the realm of your immediate influence. Your awareness of the problems confronting the profession, your willingness to reach for their solution for the general welfare of your fellow architect without regard for personal welfare or personal sacrifice, your tireless efforts on behalf of your profession and zealous desire to be of service to it have endeared you to all people. It is for these contributions and many more that this award is made.

bauer response

I am pleased beyond all words of expression for the citation and the medal which have been awarded by the Board of Directors, and tendered to me on this occasion.

My appreciation of this honor is unbounded. I know that there are others within the profession in Michigan who are far more deserving of such recognition than I am. With all my being I extend to you, the members of the Board, and to each member of the Society, my profound gratitude. I can never forget my association with each of you, and I assure you that I shall cherish these exaltations as long as I live.

to marshall fredericks

The Michigan Society of Architects in electing you Marshall Fredericks an honorary member recognizes your efforts to weld architecture and the allied arts, particularly sculpture, into a cohesive force with esthetic meaning transcending that possible of achievement by their separate entities. Your work and your philosophy are an inspiration, you have enriched our culture and broadened our horizons, you have raised the level of our endeavors to make the world a better place in which to live. We are privileged to elect you to this Honorary Membership and in such action are ourselves honored.

kirlin competition

David Hamilton, a designer of 1516 Vinewood Ave., Detroit, was winner of the \$1,000 prize in the Kirlin Lighting competition, sponsored by the Michigan Society of Architects, it is announced by Ralph W. Hammett, Society secretary and professional advisor for the competition. Engineer Frederick L. Lantz of 1210 Maywood Drive, Royal Oak, collaborated.

The jury consisted of Detroit illuminating engineers Jay W. Snyder and George Wagshall, and architects Jean Hebrard of Ann Arbor, W. David Riddle of Nela Park, Cleveland, Ohio and Frederick G. Stickel of the Victor Gruen office in Detroit.

The competition was for a lighting scheme for the new Convention Hall to be built in Detroit's Civic Center, for which Giffels & Vallet, Inc., L. Rossetti Associated Engineers, and Architects are the designers.

The jury reported that the winning design contemplated a scheme that was "perfectly practical and made use of the best possibilities of the architects' design, with lighting sources well distributed as to vertical, horizontal and accent lighting."

Louis Rossetti of the architects' firm stated that the Hamilton scheme was a distinct contribution to the Convention Hall project.

The award was made at the Building Industry Banquet, closing event of the Society's 39th annual convention at Hotel Staler in Detroit Friday evening (March 13, 1953), by Ivan Kirlin representing the Kirlin Company, donors.

exhibitors

Century Brick Company; Valley Metal Products Company, c/o Cadillac Glass Company; Price Brothers Company, Cinder Block Inc. and Peerless Cement Corporation, Detroit Steel Products Company,

U. S. Plywood Corporation, Built-In Equipment Company, Home Moderne, 3112 Woodward, Thomas Brick & Tile Company, Electro-Silva-King, c/o Hemphill & Co., International Venetian Blind Company, Hunter Douglas Corporation, Oglesby Equipment Company, Pontiac Millwork Company, Porter-Hadley Company, J. L. Hudson Company, R. C. Mahon Company, Earle Equipment Company, Peterson Window Corp., Crawford Door Sales Company, Kewaunee Manufacturing Company, Kimble-Glass Company, Brisk Waterproofing Company, Robbie Robinson Company, Detroit Rolling Door Company, John A. Mercier Brick Company, Kimball and Wilson, Inc., Timber Structures, Inc., Kirlin Company.

The following were sponsors for cocktail parties:

Producers' Council, R. V. Harty Company, Robert Eisen Company, William Kirby, Eastern Cabinet Works; B. F. Farnell Company.

education and research

RALPH W. HAMMETT, CHAIRMAN

Several of the activities of this committee were reviewed by our past President in his "Keynote Speech" delivered at this meeting only a few moments ago. Of note was the Concrete Products Small House competition, prizes for which were given by the Concrete Masonry Association. The drawings were displayed at Grand Hotel during the summer conference on Mackinac Island, and drew much favorable comment. It was a very successful competition.

The Harlan Scholarship for \$5,000 for research in industrial architecture is being held by Mr. W. Kent Cooper who was awarded this scholarship last year. He is in residence at Cranbrook Academy and reports to the professional advisor by means of conferences and bi-monthly letters. He seems to be making very good use of his time. He expects to finish his research in the near future and to start preparing his final report which he hopes to finish in August.

The Kirlin Competition for lighting Detroit's proposed Convention Hall was held during these past four months and the \$1,000 prize was won by David Hamilton, Architectural Designer, 1516 Vinewood Avenue, Detroit, assisted by Frederick Lantz, Illuminating Engineer, 1210 Maywood Avenue, Royal Oak, Michigan. This prize drawing is now on display in the foyer of the Ball Room and the prize money will be presented to the winners by Mr. Kirlin at the Building Industries Banquet tomorrow evening.

"Building Code Study" is one of the activities of this committee, so when Mr. Joseph Wolff, Detroit's Building Commissioner set up a Building Code Study Commission to revise Detroit's Building Code, Sol King, representing the M.S.A. was placed on this committee. This group is made up of representatives of all interested building alliances; i. e. architects, engineers, contractors, builders, labor

(Continued on Page 28)

seen at convention



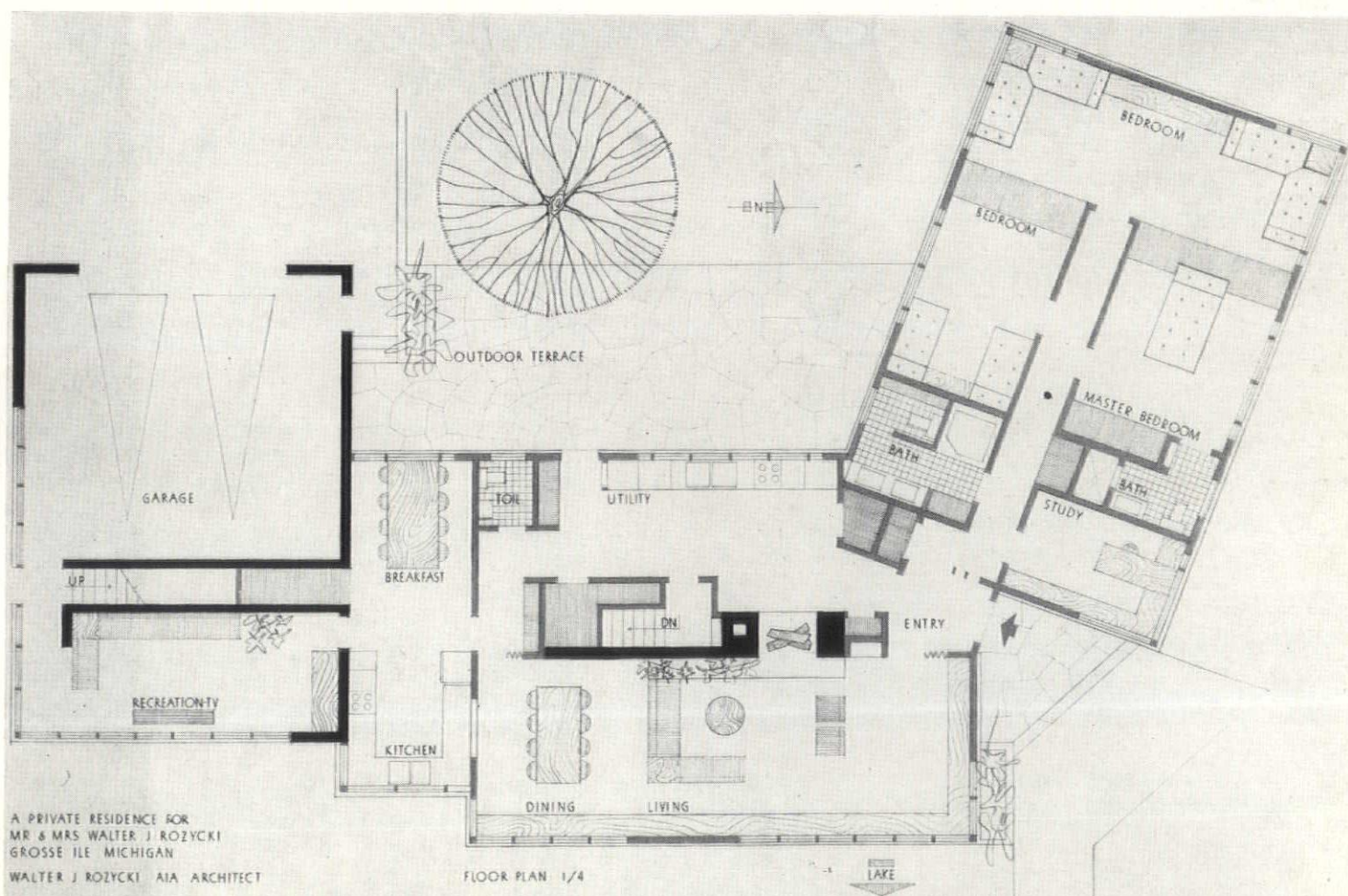
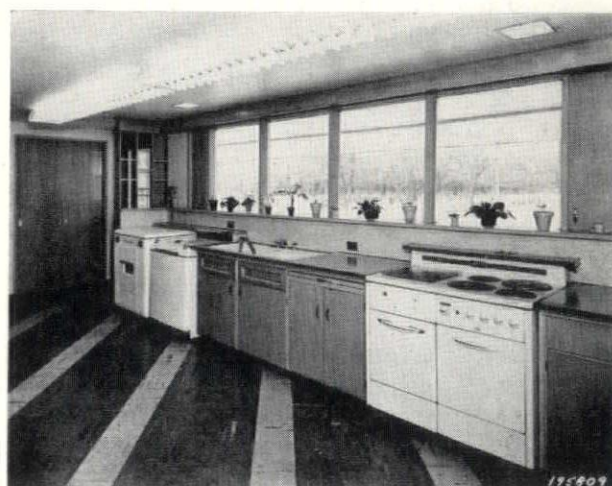
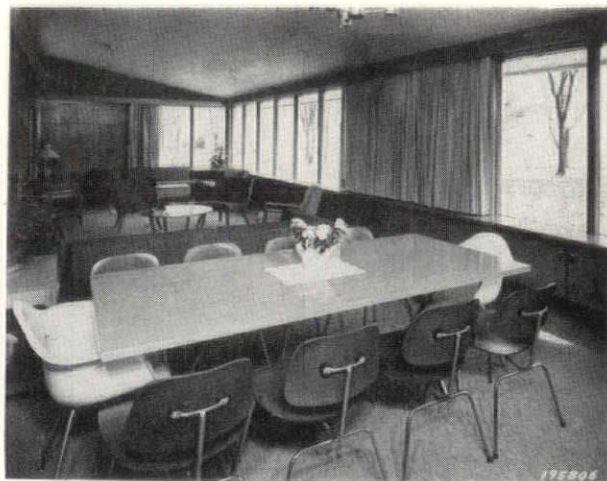
Top Row: Ben John Small, and two pictures of Phillip N. Youtz.

Middle Ladies at Fashion Show; Secretary Ralph W. Hammett, Pres. Linn Smith, Keynoter Leo M. Bauer.

Bottom From Ohio - E. B. Stapleford; Carl Domino of Williams Pivot Sash, and Rollin Rosser, President of Architects Society of Ohio; "Balcony Bill," William Lescaze.

Photos by Bradley

A black and white photograph of a long, single-story house with a low-pitched roof and a central chimney, situated in a snowy field. Bare tree branches frame the top and sides of the image.



(Continued from Page 25)

unions etc. The commission started about two months ago by meeting bi-weekly on Monday afternoons at the Rackham Building in Detroit to review the B.O.C.A. Code.

Recently a special sub-committee, known as the Format Committee, has been formed and is meeting on the alternate Monday afternoons for study as to whether to adopt B.O.C.A. by reference as-is, or to write a new code. This format committee, of which Sol King is also a member, is under the chairmanship of Joseph Lienwebber, who is representing the Detroit Chapter of the A.I.A. Mr. King reports that the committee has found that in order to make recommendations that are worthy, they must make a detailed study; and, such a study will take months maybe a year.

However the profession is being recognized and is being very worthily represented by Messrs King and Lienwebber.

Last year, when I made my report for this committee, I asked for cooperation of and between the committees of Education and Research of the three chapters of the Institute. However, during the year no matters have been presented by those bodies; therefore, it is assumed that the majority at least are satisfied with education and research out through the state among architects, as well as in our architectural schools. But the invitation is still open, so if there is any one, or any committee that thinks it has a problem pertaining to education and research, let us know. We'll try to do something about it.

treasurer's report

By ELMER J. MANSON

During 1952 the treasurer, Mr. Blair, disbursed \$18,000. for the Society. Of this \$11,600 was the general and special legislative funds of the Society. The balance was for the several scholarships and competitions directed by the Society. The annual convention is handled under a separate account.

In general this reflects the increased activities of the Society under the progressive leadership of the former officers. The membership has indicated its approval of the new order. As an individual, I add my voice to the shouts of acclaim.

As Treasurer, I must call attention to the figures in the Society's Records. In 1952 the major receipts of the Society were:

A. Dues	\$1,600.00
B. Bulletin	1,000.00
C. Convention	1,900.00
D. Miscellaneous	700.00
Total	\$5,200.00

The expenditures for General and Legislative Funds were \$11,600. (Receipts for Legislative fund were \$2,532.00.)

Obviously this cannot continue without additional income or deficit financing, which is frowned on even in Washington under the current administration.

The present funds will carry our program for the balance of this year, but by January of 1954 the income of the Society should be nearly doubled, if the present high quality activities are to be continued.

registrants at convention

members (171)

Henry J. Abrams, A. Arnold Agree, Chas. N. Agree, Roger Allen, Werner B. Anderson, Lyall Askew.

Harry Baines, Leo M. Bauer, Harry G. Beckwith, Mossie Belco, L. Robert Blakeslee, Stanley R. Bragg, H. Sanborn Brown, Paul B. Brown, Paul A. Brysselbout, D. S. Budzynski, Sr.

Rober A. Chiumino, A. B. Chanel, Louis Chesnow, Erroll R. Clark, F. Huson Colvin, Arthur R. Cook, W. Glasson Coombe, Wm. C. Coon, Julian R. Cowin, Cyril F. Cox, John K. Cross.

Gerald G. Diehl, Geo. F. Diehl, J. Ivan Dise, Clair W. Ditchy, Waler M. Dole.

Harold Ehlert, T. Neel Eubank, Richard B. Fernbach, Don M. Fishbeck, Jr., Homer A. Fowler, Joseph N. French, Lynn W. Fry, Fred M. Fuger, Cornelius L. T. Gabler, Robert J. Glynn, Nathaniel O. Gould, Donald M. Grant, Ernest Greenberg, Frank L. Greer, Werner Guenther.

Carl R. Habermas, Ralph W. Hammett, Maurice E. Hammond, Harry J. Harman, F. S. Hassan, Phillip Haughey, Herbert Hawthorn, Paul Hazelton, Thomas H. Hewlett, Robert A. Huddleston, James B. Hughes, Talmage C. Hughes.

Morris Jackson, Gilbert J. P. Jacques, T. R. Jahr, John J. Kallmes, John Kasurin, Otto H. Kavieff, Sol King, Stewart S. Kissinger, John Knapp, Ralph W. Knuth, Walter E. Kloske, Alex Kohner.

Edward H. Laird, A. N. Langius, Russell H. Lee, Ron E. Lilly, William P. Lindhout, James R. Livingston, Robert J. Lowney, Claus D. Lundblad.

Ray L. McCalpin, George M. McConkey, Chas. B. McGrew, William F. Mackinen, Milton C. Major, Elmer J. Manson, Carl B. Marr, W. V. Marshall, Arthur H. Messing, Earl G. Meyer, Frank Montana, Jack Monieith, James B. Morison, Thomas W. Moss, Gusav Muth.

David Nesmour, Edward M. Newman, Edwin F. Noth, S. A. Nurmi.

C. A. Obyron, William H. O'Dell, Charles V. Opdyke, Shirley L. Owens.

Louis F. Pacheco, C. William Palmer, Chas. Parise, Earl W. Pellerin, Ray C. Perkins, Leo I. Perry, Milton W. Pettibone, Mrs. Suren Pilafian, Suren Pilafian, Harold E. Pine, Kenneth R. Plank.

J. R. Radford, Viner A. Rantanen, Louis G. Redstone, John N. Richards, Richard M. Robinson, T. Rogvov, Clarence H. Rosa, E. G. Rosella, Rollin L. Rosser, Henry W. Ruifrok, J. Leonard Ruth.

Walter Sanders, Arthur Schmidt, Frederick J. Schoettley, Lee Schowalter, George Schulz, John Schurman, Gordon A. Sheill, Verne H. Sidnam, C. A. Sirrine, Eberle M. Smith, Linn Smith, Richard G. Snyder, George W. Sommers, James A. Spence, George Sprau, Stephen J. Sachowiak, J.

H. Gustav Seffens, Chris Stekete, Malcolm R. Stirton.

Peter Tarapata, Berj Tashjian, Howell Taylor, Fred Thompson, J. C. Thornton, Daniel L. Treacy.

Peter Vander Laan, H. W. Van Dongen, Dirk Van Reyendam, V. L. Venman, Charles J. Vogel.

Neil E. Warren, Morris Webster, F. W. Wiedmaier, Albert E. Williams, David H. Williams, Jr., Barton D. Wood, Urban V. Woodhouse, Frank H. Wright, Walter H. Wyeth, George G. Zannoth, Arthur J. Zimmermann.

producers (22)

H. M. Armstrong, Jay F. Simpson, Lew Briscoe, Don Roe, Russ Collins, W. A. Cory, John F. Finn, H. E. Fritzam, A. T. Johnson, Robert J. Cherry, William C. Krease, Tom Moore, Fred Muller, Clyde T. Oakley, Wm. E. Ogden, Louis T. Ollesheimer, Donald T. Ollesheimer, John N. Ockun, Frank G. Sander, Dale Simmerman, Edward F. Wallich, Fred Warnke.

exhibitors (96)

N. J. Bach, Bill Beeby, Robert E. Beerbower, Walter J. Berd, M. F. Bird, C. S. Brisk, D. H. Brown, Robert G. Beatty, Ed Grabowski, Noble F. Carr, Sam Burtman, Ralph Colorado, Lynn G. Stedman, Jr., Bruce E. Crissman.

Jim Taylor, Edward J. Dixon, Don Dodman, W. S. Downes, Robert A. Eisen, Bud Jarvis, Cliff Euwema, B. F. Farnell, Frank C. Stewart, Charles Johnson, John Fehily, Richard Forbush, Guy W. Garwood, Jr., R. L. Hancock, Wm. Hilderley, Al Hann, Dewey Hoel, Orr Op't Holt, Dick Hoppe.

Harry Ludwig, Claude McCammon, Peter E. Biglin, Henry W. DeRose, M. Jursik, William C. Lantzy, Harvey F. Robinson, W. Park, Jr., M. E. Ilten, C. R. Critchfield, D. E. Kemeny, Clarence Kimball, Alfred A. Moor.

J. J. Scheerens, Seymour King, Bob Lopker, George D. Lyle, John W. McCarroll, R. B. McWebb, Walt Scott, P. R. Marshall, C. F. Meier, Harry Millard, Paul Bertram, Merwin E. Murphy, Frank North, Joseph Nuzo, James Parker, Ned Garrard, Vita Peraino, Jr., Neil Burchfield, Sam Fettes, Louis B. Kolb, Charles Shrank, Bob McKinley.

Michael Polizzi, Allen R. Quirk, C. S. Rawlings, Bobbie Robinson, Harold D. Russell, W. G. Sandrock, A. W. Sittig, T. John Skiffington, Robert Z. Snook, Gaylord M. Speaker, F. W. Teninty, Ray Thomas, Gerry Trembley.

Len Underhill, F. S. Underkofler, Don F. McVey, Al Gould, Herbert J. Vincent, Warren E. Weiricy, West Detroit Glass Company: R. H. Hoxie, Frank J. Wummel.

guests - ladies (71)

Mesdames Anne Abrams, Roger Allen, H. M. Armstrong, L. Robert Blakeslee, Mabel M. Bragg, H. Sanborn Brown, Helen Brysselbout, Keitha Carter, Erroll Clark, Russ Collins, Virginia Coombe, Helen

W. Cox, George Diehl, Clair W. Ditchy, Bessie M. Dole, Fred W. Fuger, Betty J. Fuymoski, C. L. T. Gabler, Margaret Gould, Ralph W. Hammett, H. J. Harman, Barbara Hawthorne, Paul Hazelton, Margaret Hughes, Thurston Jahr, Henry J. Keough, Mary Lee Kloske, John Knapp, Ralph Knuth, Alex Kohner, Adrian N. Langius, William P. Lindhout, Geo. M. McConkey, Elmer J. Manson, Earl G. Meyer, Frank Montana, J. B. Morison, Lucile Moss, W. F. Mulcahy, Hinda Nesmour, John L. Niles, E. F. Noth, Mabel Oakley, Wm. Ogden, Louis T. Ollesheimer, Charles V. Opdyke, Marjorie L. Page, A. E. Patzke, J. R. Radford, Louis Redstone, John N. Richards, Adeline M. Rozycki, Grace L. Ruifrok, J. Leonard Rush, Arthur Schmidt, Frederick J. Schoettley, Margarita Seckinger, G. A. Sheill, Eberle M. Smith, Linn Smith, Rose B. Smith, Ruth Spalding, James Spence, Geo. W. Sprau, R. Svoboda, Virginia P. Stirton, Mildred B. Tashjian, Howell Taylor, Peter Vander Laan, Merle C. Weaver, David H. Williams, Jr., Barton D. Wood.

guests - men (51)

E. Dennis Arwood, Bruce Bigham, William Bradley, Marvin J. Brokaw, E. J. Brunner, William T. Carter, Jr., Willard G. Caswell, Pat Cookey, Glenn Dailey, Ralph J. Dingle, Bernard K. Drane, H. F. Feters, Claude W. Filer, Marshall Fredericks, Carl J. Freiwald, Peter J. Futymoski, Alvin H. Giese, C. W. Gudnau, George A. Heenan, Clarence F. Jakee.

William L. James, Harry S. King, Henry Kodan, Winston F. Lancaster, Samuel C. Laux, Wm. Lescaze, W. L. McClurg, Jr., John L. McGarrigle, Donald J. McKinley, E. E. Majka, Herman F. Marsh, Rex E. Marshall, William E. Martin, Donald A. Maw, W. F. Mulcahy, Robert F. Murphy, Warner Ohman, Ted Pilz, Roy Perilloux, E. Plank, Robert A. Pullar, Thomas Reed, R. A. Rousseau, T. G. Seemeyer, Jr., Ben John Small, David B. Spalding, E. B. Stapleford, Theron H. Tison, Joseph S. E. Waisanex, Donald F. Wright, Philip N. Youtz.

Tennessee Valley Authority wants experienced architects for specification and design work on broad program of hydro and steam power plant buildings. Salaries start at \$4450 and \$5325 for 40 hour week. All jobs carry automatic within-grade increases for satisfactory service. Liberal vacation leave, sick leave, and retirement benefits. Location of work is Knoxville, Tennessee. Write the Tennessee Valley Authority Division of Personnel Knoxville, Tennessee

The Michigan State Board of Registration for Architects, Professional Engineers and Land Surveyors announces that the next examinations will be held by the Board on June 9-13, 1953. Examinations will be held at the Rackham Memorial Building in Detroit; the University of Michigan, Ann Arbor; Michigan State College, East Lansing; Michigan College of Mines, Houghton; Adult Education Center, Jackson; Central High School, Bay City, and at the U. of M. Extension Center in Grand Rapids.

Architect members of the Board are Wells I. Bennett, F.A.I.A., Robert B. Frantz, F.A.I.A., and Talmage C. Hughes, F.A.I.A.

Applications must be in the State Board office, 705 Cadillac Square Bldg., Detroit by May 1, 1953.

The College of Architecture and Design, University of Michigan, announces that the George G. Booth Traveling Fellowship in Architecture will be offered again this year. Upon request applicants will be issued a form to be completed and returned not later than May 15, 1953. This competition is open to all graduates of the school who have not reached their thirtieth birthday on the date mentioned above. Prospective candidates should write at once to the Office of the College of Architecture and Design, 207 Architecture Building, Ann Arbor, Michigan.

Wilhelm V. Von Moltke, an associate member of the Detroit Chapter, American Institute of Architects, has left for Europe where he will travel on the continent and study architecture in connection with projects now in his office, that of Eero Saarinen and Associates, of Bloomfield Hills, Mich. He will return in mid May.

Von Moltke is chairman of the program committee for the Detroit Chapter, A.I.A.

Detroit Chapter, A.I.A. has elected to associateship E. Alton Baltacioglu, Frank L. Bayleran and David Hamilton. Baltacioglu, born in Turkey, has degrees of bachelor of architecture and master of architecture from the University of Michigan and master of city planning from Harvard. Bayleran has a BA degree from N. Y. City College, is now with S. S. Kresge Co., Detroit. Hamilton, with Giffels & Vallet & Rossetti, won the \$1000 Kirlin Lighting competition recently.

WANTED—Experienced architectural draftsman. Steady employment. Apartment or house available. Address replies to Alden B. Dow, Architect, 315 Post Street, Midland, Michigan.

Charles M. Valentine, A.I.A. has moved his architectural office from St. Clair, Mich. to 1320 Michigan Blvd., Marysville, Mich. The new telephone number is Pt. Huron 2-9561.

Valentine, who was educated at the University of Michigan, worked in various Detroit architects' offices until 1943 when he entered his own practice. He received the U. S. Navy's meritorious civilian award for his work at the Norfolk Naval base during World War II.

conventional

Now that the convention is over
And the speeches have been made
And old Joe and Bill have had their
 their thrill
And hotel bills have been paid;
And all the wily exhibitors at the
 close of day,
Have folded their tents like the Arabs
And silently stolen away;
The architects have gone back to
 their studies
To design some new buildings, we
 hope,
We know they'll come up with the
 answer,
For they took home lots of dope;
It seemed good to see the old Timers
Like Chris Steketee and Roge Allen
 too
Bill Palmer, Clair Ditchy and Chas.
 Agree
And Gabler who put on the show;
Many more I could name in these
 verses,
Who to the convention did come,
But Tal Hughes is waiting for copy,
And my fingers are getting quite
 numb;
But it was a bonanza convention,
I'm sure everyone will agree,
The committees be praised, and their
 salaries raised;
It sure was a grand jubilee.

—Bill Cory.

Robert B. Frantz, F.A.I.A. and Mrs. Frantz, of Saginaw, have sailed for Europe, where they will be until June.

They are traveling with Mr. and Mrs. Dean Acheson. Mrs. Frantz and Mrs. Acheson are sisters.

Mounts submitted in the architects own home exhibit at the Society's 39th annual convention can be picked up at the Bulletin office.



SHADE SCREENS ON THREE RIVERS HOSPITAL

concrete conference

Sol King, AIA, member of the firm of Albert Kahn Associated Architects and Engineers, Inc., will preside at the closing session of the Fifth Annual Concrete Conference to be held in Ann Arbor on April 14 and 15. The conference will be a joint presentation of the Portland Cement Association and the University of Michigan.

Louis P. Corbetta, of the nationally known Corbetta Construction Company, will be the principal speaker. His talk "Economy of Precast Concrete" will point out a developing trend toward the precasting of structural concrete members in order to gain cost advantages. A background of 30 years of specialization in structures predominantly of concrete emphasizes the soundness of his views. "Precasting Methods" will be illustrated by E. B. Oberly, Construction Consultant, Portland Cement Association.

Cornelius L. T. Gabler, AIA, Detroit, will conduct a field trip to the new North Campus of the University for a viewing of the precast concrete construction under way there. This will follow a discussion of the main papers under the leadership of R. F. Brennan of W. E. Wood Co., Detroit contractor.

Also scheduled for the Wednesday afternoon session, under Mr. King's guidance, is a presentation by Alfred L. Parme, Structural Analyst, Portland Cement Association, outlining the adaptability of thin concrete shells for long-span roofs. Mr. Parme recently completed work on the American Society of Civil Engineers manual on this subject. Discussion of his paper will be opened by Leo V. Garrity, Asst. General Superintendent, Department of Water Supply, Detroit, who is in charge of the design of such a roof on the Northeast Station project presently under development.

Stanton Walker, Director of Engineering, National Sand and Gravel Association, and D. W. Lewis, Research Engineer, Indiana Joint Highway Research Project, will present the principal papers during the opening conference session Tuesday morning. They will emphasize methods of improving qualities of concrete aggregates.

The Tuesday afternoon schedule includes E. C. Wenger, Manager of the Conservation Bureau, Portland

Cement Association, who will single out practices which will help secure concrete projects of greater service life. Also scheduled is John D. Bolton, Evanston, Illinois, contractor, who will stress the importance of selecting the proper method for repairing portions of damaged concrete structures.

A progress report on prestressed concrete on Wednesday morning will feature Jean Muller, head designer of Freyssinet Company, New York, one of the world's leading prestressing contractors. He will summarize current practices in this rapidly growing field of structural concrete.

At a luncheon meeting, L. A. Rubin, secretary of the Mackinac Bridge Authority, will disclose details of the planning and financing of the five-mile span proposed for construction in the near future.

The Contracting Plasterers' Association of Detroit is now located in new and larger quarters at 611-12 Park Avenue Building, corner Adams Ave.

This association, a non profit corporation, has been operating continuously since 1917 under its present charter.

During this 35-year period the association has made every effort to cooperate fully with the Michigan Society of Architects to furnish the best in lathing and plastering for Detroit's public buildings, schools, churches and commercial developments. And, according to Field Secretary John Gray says, "We pledge our membership to continue this pleasant and friendly relationship for our mutual benefit."

Mulcahy & Collins, manufacturers representatives of several nationally known lines of plumbing materials, and their associate, R. M. Ackerman of Grand Rapids, were recently appointed Michigan representatives of the Cash-Acme line. The line has been manufactured by the A. W. Cash Valve Manufacturing Company of Decatur, Illinois, for about thirty years, and their products cover a complete and diversified line of pressure-reducing and regulating valves, strainers, hot water heat controls and relief valves used by the plumbing and heating industry. In addition, they manufacture a number of items that are being used by several local manufacturers in connection with the government defense program.

Herbert Vincent of Cinder Block, Inc. Detroit, was elected for a five-year term to the Board of Directors of the National Concrete Masonry Association at its 33rd annual convention held in Cleveland, Ohio, where 4,700 registered. Vincent also has been elected secretary of the Concrete Products Association of Michigan.

Patient comfort was greatly improved in the Three Rivers Hospital by the use of shade screens in the lower sash of the Aluminum Combination Windows. Temperature tests established a light degree reduction in heat. Visibility was not appreciably impaired. Maintenance is expected to be reduced to a minimum. The hospital is now installing Kaufman shade screen panels for glass block walls in the operating rooms. It is anticipated that they will have the same beneficial results of reducing room temperature.

For many years we have enjoyed serving you in matters arising from problems of electric service and lighting.

Through these years, Art Molitor represented our Company in rendering any assistance possible. His loss was very untimely.

To carry on and further the enviable relationships we have enjoyed, Mr. Frank E. North, formerly assistant to Art, has now taken over.

As soon as time permits he will call on you personally to either make or renew your acquaintance.

Frank is anxious to serve you to the fullest extent of his ability and time. Please feel free to call him for any of your electric service requirements.—Detroit Edison Co.

Karl Foster of Flint has been elected president of the Michigan Chapter, Associated General Contractors of America, and Morse Heineman of Saginaw, vice-president, Henry A. Reniger of Lansing was re-elected treasurer, and George W. Combs, of Lansing was continued a secretary-manager. To serve on the board of directors the coming year are Walter Love of Flint, Peter J. Elzinga of Holland, Marshall Hungerford of Jackson, Max Pearce of Grand Rapids, and Heineman. Continuing on the board are Curt E. Bottom, Ann Arbor; Harry L. Conrad, Lansing; and Cameron L. Davis, Kalamazoo. Ralph A. MacMullan, secretary-manager of Detroit Chapter, A.G.C., was appointed to the advisory board.

The Marietta Concrete Corporation, Marietta, Ohio, one of the country's leading producers of precast concrete products, announced the incorporation of The Marietta Concrete Corporation of Florida. The new plant will be located at Hollywood, Florida. F. L. Christy, president of The Marietta Concrete Corporation, will head the new Florida firm.

The plant will manufacture mortarless concrete block, precast concrete wall panels and farm and industrial silos. The design plans have been completed by Overend & Boucher, architects, of Wichita, Kansas, in cooperation with Marietta Concrete Corp. engineers, and construction is expected to start immediately.

western michigan chapter

Architects of the State were pledged cooperation in future legislation problems or revisions to the Registration Act at a meeting of the Western Michigan Chapter A.I.A. at Lansing, March 23.

The dinner meeting at Lansing's Skyway Cafe, Senator Green and Representative Betts addressed 22 architects and 28 guests attending. Senator Green affirmed that the legislature in general is willing to help the profession to perfect the Registration Act where needed. Representative Betts presented the developments of the new State buildings from their inceptions to date and stressed the still-present need for further expansion. He would favor an income tax for these buildings but would disapprove a sales tax. He also pointed out that the franchise tax will provide 22 million dollars and will keep the State schools operating. President Vanderlaan introduced Dale Sheets and John Gadell from the Aetna Insurance Co. who presented a color film on the hazards of building. The film also emphasized safety measures that can easily be adopted in scaffold construction, open-stair protections, ladders, etc. that will bring about greater workmen safety on building jobs. An introduction of new members and guests followed the film. President Vanderlaan gave a clear and entertaining thumb-nail sketch of the 39th Annual Convention in Detroit with some warm asides that made his de-

scription the more amusing.

Secretary Snyder's list indicated the following attended: Florence Dyer, Anna Peters, Robert Siefert, Stan Simpson, Edmund Meles, R. W. Danielson, R. W. Smith, Charles Opdyke, Adrian Langius, Elmer Manson, John P. Parker, Harold Howe, Neil Williams, Howard De Wolf, Art Zimmerman, Neil Smull, Clark Harris, Dale Sheets, Clark Ackley, E. K. Fitzgerald, and R. G. Snyder all of Lansing. Those from Grand Rapids: Ben Rine, Paul Flanagan, Carl Creek, A. Murray Black, John H. Burgess, Gordon G. Belson, Robert B. Cain, Charles Black, Ruard Vanderploeg, C. N. Williams. From Kalamazoo: Peter Vanderlaan, Terrence Bennett, Richard Prince, Herman Pratt, Kenneth Bartholomew, H. Futymoski. From Traverse City: Karl Krauss. From Benton Harbor: Craig Niephaus and H. Van Dongen. From Jackson: R. I. Olson and Carl Kressback. From Holland: Alwin Kolm. From Ionia: Douglas Welch.

E. Harry Magnuson, A.I.A. of 201 Montgomery Bldg., Muskegon, Mich., has transferred his membership in The American Institute of Architects from the Detroit Chapter to the Western Michigan Chapter.

Magnuson, received his professional education at the Art Institute in Chicago and at the University of Southern California. He became registered to practice architecture in Michigan in 1945 and entered his own practice the same year.

saginaw valley chapter

Plans were formed at the Saginaw Valley Chapter meeting on Tuesday, March 10th, enabling the associate members of the Chapter to plan future meetings so their "beginning-architect" needs may have the considered experience of the corporate members. It was suggested by President Brysselbout that the younger men of the Chapter may have problems that can be solved through active discussions at Chapter meetings. At this Bancroft Hotel dinner-meeting in Saginaw, it was brought out that of the thirty-one members, ten are recently elected associates. Thus the planning of meetings by these associates will prove good experience for them.

George Hawes presented his treasurer's report. After the reading of a letter from the executive secretary of the M. S. A., a discussion on payment of dues to the National, State, and Chapter ensued; this brought up rules of suspension and many misapprehensions on these matters were cleared. The president read the proposed changes to the by-laws to be voted on at the M. S. A. Convention, which were approved.

Peter Franz reminded the members that the Saginaw Valley edition of the Monthly Bulletin is scheduled for May and that deadline for photographs is near. This was stressed as a most important part

of the Chapter's agenda and each member was urged to be represented in the May issue of the Bulletin.

Robert Gazall of Flint was elected to associate membership.

It was suggested that refresher course might be provided for those preparing to take their State board examinations. This idea will be further discussed and acted upon at one of the associate-planned meetings.

Glenn Beach arrived from a lecture stint to present the latest developments and accomplishments that the A.I.A.-A.G.C. committees have framed. He outlined the brochure to be mailed to the members of both organizations and how it will streamline specifications for all concerned. The members decided to wait arrival of the outlines, look them over, invite an A.G.C. representative to a meeting and then publish their reactions. The meeting adjourned at 10 p. m. with plans to hold the next Saginaw Valley meeting in Flint.

The following were present: Jim Spence, Harry Cummings, Ralph Knuth, Robert S. Mengel, Peter Frantz, Jackson B. Hallett, John Mackenzie, Vincent T. Boyle, Richard E. Gustafson, Frederick Wigen, Paul A. Brysselbout, George Hawes, Cliff Gibbs, Robert Gazall, and Harvey Allison.

specification outline

As developed by The Michigan Joint Co-operative AGG-AIA Committee, sponsored by The Western Michigan Chapter, A.I.A.; The Saginaw Valley Chapter, A.I.A., and The Michigan Chapter, A.G.C..

ACKNOWLEDGMENT

The Committee desires to express appreciation for the sincere criticism and counsel presented by a number of interested persons outside of the committee membership.

The gratitude of the committee is expressed to all of the Michigan Architects and Contractors who have aided in this work. Our particular thanks are expressed to the following, whose advice and counsel have been invaluable:

Elmer Manson, President, Western Michigan Chapter, A.I.A. (1951-52)
John Thornton, Michigan Society of Architects
James A. Spence, President, Saginaw Valley Chapter, A.I.A. (1952)
Adrian N. Langius, Vice-President, Michigan Society of Architects (1952)
Ralph O. Dunn, President, Michigan Chapter, AGC (1952)
Harry L. Conrad, Member, Executive Committee, Michigan Chapter, AGC
John W. Armstrong, Chairman, Committee on Relations to Architects, Detroit Chapter, AGC
Frank Herlihy, Member, Michigan Chapter, AGC
Boyd Armiger, Member, Detroit Chapter, AGC

Help in coordinating the efforts of the Committee has been obtained from the following Architects' and Contractors' representatives:

Talmage Hughes, Executive Secretary, Michigan Society of Architects
Ralph A. MacMullan, Secretary-Manager, Detroit Chapter, AGC

Inquiries regarding this subject matter may be addressed to Mr. Elmer Manson, Manson and Carver, 517 N. Washington Ave., Lansing, Michigan, or Mr. George W. Combs, Michigan Chapter, AGC, 127 N. Cedar St., Lansing, Michigan. Constructive comments and criticisms will be sincerely appreciated.

INTENT

The purpose of this outline is to provide a standard form of Architects' General Specifications, the use of which will be of mutual advantage to Architects and Contractors.

The Committee has set up certain general divisions in accord with customary trade usage. Within each of these Divisions numbered sub-headings are listed to cover the principal items of labor and materials commonly encountered.

The Committee has not attempted to write a sample specification, and detailed clauses have been avoided. Some departures from this rule are to be noted in the **bold type** remarks, and in the attached appendices on temporary heating and temporary electrical work.

Standardized Division headings are intended to be used for all Architects both as an index and for the body of specifications. **Divisions not required in a specification should be listed in the index with a notation "Not used."** In this manner the numbers of all divisions will remain constant, for example, Concrete Work will always be Number 7; Millwork will always be Number 24, etc.

It is the hope of the Committee that this outline will be of considerable assistance to specification writers, job superintendents and other employees of the Architect. It should also be of great assistance to Contractors' and Sub-Contractors' organizations.

The Committee recognizes that the content of specification clauses is the responsibility of the specification writer, but standardization of form should be of direct benefit to Architect, Contractor, Sub-Contractor and Owner.

It is not presumed that this first result of coordination is perfect, nor that it is the panacea for all the ailments of specifications.

The Committee does urge that these efforts be continued to finally accomplish the clarity and simplicity so advantageous to all concerned. The Committee has not extended the scope of this Specification Outline beyond the architectural trades. It is hoped that in the future, a completed document, developed with the consultation and advice of those in the mechanical and electrical fields may be accomplished.

The Michigan Joint Co-operative AGC-AIA Committee

February, 1953.

SPECIFICATION OUTLINE MICHIGAN JOINT COOPERATIVE AGC-AIA COMMITTEE

INSTRUCTIONS TO BIDDERS

1. Invitation
2. Bid Bonds
3. Deposits
4. Proposal Forms

Division 1. GENERAL CONDITIONS

1. Standard Forms
2. Modifications of Standard Forms
3. a. Drawings Furnished
- b. Permits
- c. Insurance
- d. Bonds
- e. Building Cleaning and Window Washing

Division 2. SPECIAL CONDITIONS

1. Time of Completion
2. Examination of Site
3. Special Site Conditions
4. Laying Out Work
5. Temporary Field Office
6. Temporary Heat
7. Temporary Utilities
- a. Water
- b. Sewer
- c. Electrical
- d. Telephone
- e. Temporary Toilets
8. Watchman
9. **Be specific as to requirements**
10. Cash Allowances
11. **State Divisions containing cash allowances**
12. **Scope of Work and Work not included in Construction Contract**
13. **State Divisions in which there are exclusions**
14. Guarantees
15. Photographs
16. Storage of Materials
17. Signs
18. Progress Payments
- a. Basis for Payment
- b. Method of Payment
- c. Payments for materials properly stored; Insurance.
19. Safety Requirements
- a. Barricades
20. Samples Required

Division 3. ALTERNATES

1. General Notes
2. List of Alternates, 1, 2, etc.
3. **The first paragraph of each affected Division should refer back to this Division on Alternates.**

Division 4. DEMOLITION

1. General Notes
2. Capping of Utilities
3. Salvage Material

Division 5. EXCAVATING & GRADING

1. General Notes
2. Sub-surface Soil Data
- a. Borings
3. **Test Borings should be made before advertising for bids where project is of the size and kind to require it.**
- b. Water Conditions
4. Clearing Site
5. Stripping Topsoil
6. Excavating and Backfill
7. Filling and Grading
8. Tile Sub-soil Drains
9. Grading for driveways and walks
10. Finish Grading, Seeding, Sodding and Shrubbery
11. Temporary Roads
12. Stabilized or Bituminous Paving

Division 6. PILES AND SPECIAL FOUNDATIONS

1. General Notes
2. Caissons

3. Piles and test piles
4. Sheeting
5. Shoring
6. Underpinning

Division 7. CONCRETE WORK

1. General Notes
2. Materials
3. Storage of Materials
4. Type of Forms and Finishes
5. Forms, Centering and Metal Pans
6. Placing Tile Fillers
7. Inserts and Fastening Devices for other work
8. Strength, Proportions and Mixes of Concrete
9. Admixtures
10. Measuring and Mixing Concrete
11. Tests
12. Placing Concrete
13. Construction and Expansion Joints
14. Removal of Forms
15. Patching
16. Protection and Curing
17. Floor Slabs on Earth
18. Cement Floor Finishes
19. Fill Between Wood Sleepers
20. Concrete Sills, Lintels
21. **Poured-in-Place**
22. Cant Strips and Crickets
23. Bridging and Concrete Joists
24. Curbs, Drives and Sidewalks

Division 8. REINFORCING STEEL

1. General Notes
2. Material
3. Tests
4. Fabrication
5. Cleaning and Storing
6. Supports
7. Steel Mesh, Metal Lath, etc.
8. Placing
9. Shop Drawings

Division 9. MASONRY

1. General Notes
2. Masonry Materials
3. **Including Glass Block**
4. Types of Mortar
5. Mortar Waterproofing
6. Precautions and Protections
7. Pre-Cast Concrete, Sills, Coping, etc.
8. Laying Masonry Units
9. Parging Walls
10. Built-in Work
11. Sample Wall Panels
12. Pointing and Cleaning

Division 10.

- A. CUT STONE
- B. GRANITE
- C. TERRA COTTA
1. General Notes
2. Materials
3. Mortar
4. Cutting
5. Carving and Models
6. Anchors, Dowels and Cramps
7. Setting
8. Expansion Joints
9. Pointing and Caulking
10. Cleaning and Protection
11. Shop and Setting Drawings
12. Samples

Division 11. WATERPROOFING AND DAMPROOFING

1. General Notes
2. Preparation of Surfaces
3. Membrane and Fabric Waterproofing—Dampcourse
4. Metallic Waterproofing
5. Exterior Damp-proofing
6. Interior Damp-proofing

Division 12. STRUCTURAL STEEL

1. General Notes
2. Materials and Tests
3. Fabrication
4. Loose Lintels
5. Erection of Steel
6. Shop Painting
7. Shop Drawings

Division 13. STEEL JOISTS

1. General Notes
2. Fabrication
3. Shop Painting
4. Erection
5. Special Fittings and Bridging
6. Shop Drawings

Division 14. PRECAST CONCRETE JOISTS

1. General Notes
2. Fabrication
3. Erection
4. Bridging
5. Shop Drawings

Division 15. SPECIAL FLOOR AND ROOF DECK

1. General Notes
2. Fabrication
3. Shop Painting
4. Erection
5. Special Fittings
6. Shop Drawings

Division 16. SPECIAL WALLS AND SIDING

1. General Notes
2. Materials
3. Workmanship
4. Shop Painting and Protective Coating
5. Shop Drawings

Division 17. MISCELLANEOUS AND ORNAMENTAL METALS

1. General Notes
2. Materials
3. Workmanship
4. Shop Painting and Protective Coating
5. List miscellaneous iron items fabricated for the job, such as: Steel stairs, hand rails, metal ladders, window guards, thresholds, channel frames, etc.
6. List Ornamental items
7. Shop Drawings

Division 18. METAL SPECIALTIES

1. Bath and toilet accessories
2. Lockers
3. Wall chutes
4. Medicine cabinets, etc.
5. Office partitions
6. Toilet partitions
7. Vault doors
8. Revolving doors
9. Laundry chutes
10. Rolling metal doors
11. Metal access doors
12. Skylights
13. Shop Drawings

Division 19. METAL DOORS & TRIM

1. General Notes
2. Hollow metal doors
3. Metal covered doors
4. Tin clad fire doors and Frames
5. Combination metal bucks and Trim
6. Location of hardware
7. Shop Drawings and Samples
- State which doors should bear underwriter's labels.
8. Shop Prime Coat

Division 20. METAL WINDOWS

1. General Notes
2. Protective Coating
3. Casement windows
4. Double hung windows
5. Projected windows
6. Pivoted windows
7. Security windows
8. Frames and trim
9. Hardware
10. Operators
11. Metal insect screens
12. Window cleaners' bolts
13. Installation and Adjustment
14. Shop Drawings

Division 21. ROOFING AND SHEET METAL

1. General Notes
2. Materials
3. Insulation
4. Type of roofing
5. Through-wall flashing
6. Metal gravel stops and Facia
7. Gutters and Downspouts
8. Building expansion joints
9. Snow guards
10. Special metal louvers and Ventilators
11. Surety maintenance bond
12. Special metal coverings and Linings
13. Shop Drawings
- Cast Iron Roof sumps furnished and set by plumbers; flashing and mopping in by roofing contractors.

Division 22. CAULKING AND WEATHER-STRIPPING

1. General Notes
2. Materials
3. Application

Division 23. CARPENTRY

1. General Notes
2. Grading Requirements and Species of Woods
3. Storage and Protection
4. Temporary Enclosure
5. Rough Hardware
6. Framing
- Including prefabricated wood trusses, columns, etc.
7. Wood Grounds, bucks, furring and sleepers
8. Sheathing
9. Sub-Flooring
10. Wood Finish Flooring
11. Sanding Wood Floors
12. Preservative Treatment
13. Building Paper or Felt
14. Stock Wood Siding
15. Wood Bumpers
16. Wood Stairs
17. Insulation

Division 24. MILLWORK

1. General Notes
2. Grading Requirements and Species of Woods
3. Storage and Protection
4. Preservative and Pressure Treatment
5. Special Wood Siding
6. Window Frames
7. Wood Sash
8. Special Hardware
- NOT included in Finish Hardware
9. Wood Door Frames
10. Wood Doors
11. Wood Louvers
12. Wood Stairs
13. Wood Handrails
14. Wood Seats
15. Wood Shelving
16. Cabinets and Counters
- Mill-Made
17. Hook Strips
18. Miscellaneous Items
19. Installation of Hardware

20. Shop Drawings

Division 25. LATHING AND PLASTERING

1. General Notes
2. Materials
3. Lath and Lathing
4. Base Screeds, Corner Beads, etc.
5. Plaster and Finishes
6. Specialties—Metal Stool, Base, etc.
7. Cleaning
8. Guarantee
9. Patching

Division 26. CERAMIC TILE AND MARBLE

1. General Notes
2. Materials
3. Accessories
4. Laying Out Work
5. Setting, Grouting and Cleaning
6. Miscellaneous Items
- Precast Terrazzo, Slate, etc.
7. Shop Drawings

Division 27. TERRAZZO

1. General Notes
2. Materials
3. Terrazzo Composition and Colors
4. Non-Slip Floors
5. Screed Coat
6. Dividers
7. Laying Terrazzo Topping
8. Cleaning and Sealing Terrazzo

Division 28. COMPOSITION FLOOR AND COUNTER COVERING

1. General Notes
2. Materials
3. Preparation of Sub-Surface
4. Installation
5. Cleaning and Finishing

Division 29. GLASS AND GLAZING

1. General Notes
2. Materials
3. Installation
4. Mirrors
5. Specialties
6. Store Front Construction

DIVISION 30. ACOUSTICAL TREATMENT

1. General Notes
2. Materials
3. Installation Methods
- a. Cement
- b. Metal Suspension
- c. Nail or Screw Attachments
4. Application of Sprayed Treatment
5. Guarantee

Division 31. FINISH HARDWARE

1. General Notes
2. Allowance or Schedule
3. Templates
4. Packing and Marking
- All special hardware installations should be specifically noted as well as any hardware not included in the allowance.
- Schedule is to be delivered promptly after award of contract.

Division 32. PAINTING AND FINISHING

1. General Notes
2. Work not included—Piping, etc.
3. Materials
4. Colors and Samples
5. General Requirements
6. Preparation of Surfaces
7. Priming and Back Painting
8. Schedule of Painting
9. Application
10. Cleaning and Touch-Up

Division 33. MISCELLANEOUS AND SPECIAL EQUIPMENT

List and describe special items of equipment for materials not included under other headings, such as:

1. Chalkboards
2. Bulletin Boards
3. Bookstacks
4. Cabinets
5. Special Furniture
6. Floor Mats
7. Folding Doors
8. Fire Extinguishers
9. Hose Cabinets
10. Incinerator
11. Key Cabinets
12. Kitchen Equipment
13. Laboratory Equipment
14. Laundry Equipment
15. Movable Partitions
16. Overhead Doors
17. Seating
18. Stage Equipment
19. X-Ray Equipment and Protection
20. Hospital Equipment
21. Elevators and Dumb Waiters
22. Recreational Equipment
23. Shades and Blinds

APPENDIX A—(Recommended Clause) HEATING DURING CONSTRUCTION

- A. General—Heating requirements during the course of construction have been divided into two classes, i.e., "Cold Weather Protection" and "Temporary Heat," which are described under Paragraphs "B" and "C" below.
- B. Cold Weather Protection—All heating required by contractors during the construction period prior to enclosure of the building shall be classified as "Cold Weather Protection." Such

heat shall be furnished by each contractor requiring same. Heating units must be of approved types, and equipment and surroundings shall be kept in a clean and safe condition.

- C. Temporary Heat—All heating required after enclosure of the building shall be classified as "Temporary Heat." The building shall be considered as enclosed when it is roofed and has such protection at doorways, windows and other openings as will provide a reasonable heat retention. The heating contractor shall have the heating system in readiness for furnishing temporary heat at the time the building is enclosed. The general contractor shall furnish all fuel for the operation of the system. The heating contractor shall operate the heating system, furnishing such labor and supervision as is necessary, and be responsible for the system and its operation until acceptance of the building. Except as otherwise called for, a minimum temperature of 50° and a maximum temperature of 75° in the building shall be maintained during working hours. At other times the temperature in all parts of the building shall be kept above freezing.
- D. See requirements of detail specifications for minimum temperature to be maintained for trades.
- E. It shall be the responsibility of the general contractor to see that all concrete, plaster, tile, masonry and other wet work is sufficiently dry before the installation of millwork and trim, and other finished items.

Explanatory Notes:

1. If the building is an addition and the source of heat is in an existing building, it is customary for the Owner to furnish fuel under Paragraph "C."
2. Paragraph "D" refers to special items such as asphalt tile which require special temperatures before, during, and following installation.
3. If the job is the type which will require that heating units must be hooked up in a temporary fashion and then re-set in their permanent position, it should be made clear that the heating contractor shall include this cost as a part of his bid.

APPENDIX B—(Recommended Clause) TEMPORARY WIRING

The Electrical Contractor shall provide temporary connections for fan motors, oil pumps, oil burners, etc., at the direction of the Architect, when heat or ventilation is required during the course of construction of the building.

The Electrical Contractor shall also provide temporary power and lighting facilities to include the following:

1. Approved service connections and meter installation from the nearest power lines to the job site.
2. Single phase three (3) wire service and necessary branch wiring of sufficient capacity shall be run to provide 110/220 volt lighting and power outlets throughout each floor. Twin weatherproof sockets shall be installed, one for 150 watt lamps and one for 150 watt power at 50' on centers both ways. Also temporary 220 or 440 volt, 3 phase power service shall be provided to 100 ampere fused switches spaced at 300' on centers both ways. (Note: This provision is at Architect's option, depending on requirements of job.) The necessary extension cords required in addition to the above wiring are to be provided by each Contractor to suit his requirements.
3. The General Contractor shall pay for all current used by all contractors for temporary light and power.
4. Service and lighting facilities to the construction offices of the various contractors shall be furnished by the contractors concerned.

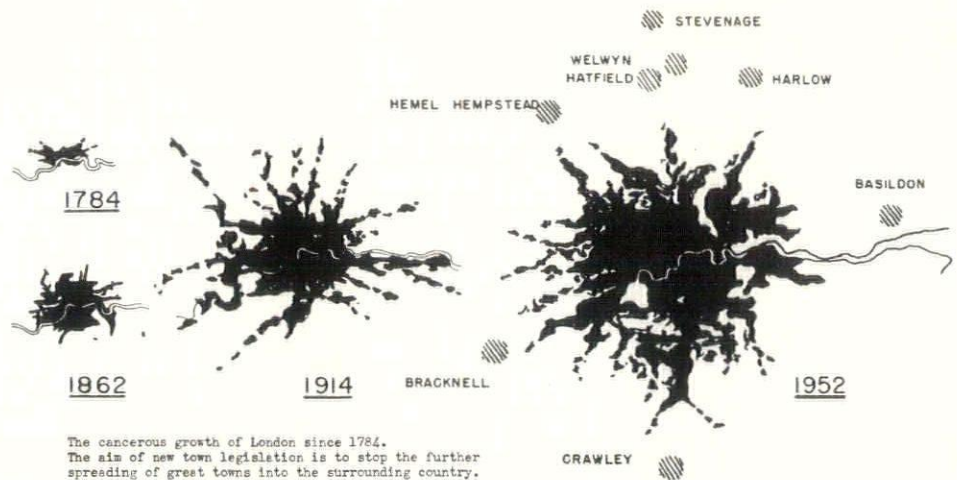
Explanatory Note:

Item Number two (2) and three (3) above should be considered as flexible depending on the size of job. On larger jobs, a separate meter is suggested for each contractor.

THE MICHIGAN JOINT COOPERATIVE AGC-AIA COMMITTEE MEMBERSHIP

Benjamin W. Hestel, 38 Pearl St., Grand Rapids
Glenn M. Beach, 414 Court St., Saginaw
Clark E. Harris, Warren S. Holmes Co., 2200 Olds Tower, Lansing
Donald A. Kimball, 2339 Delaware Blvd., Saginaw
Robert Babcock, Louis C. Kingscott & Associates, 511 Monroe St., Kalamazoo
Arthur Read, Warren S. Holmes Co., 2200 Olds Tower, Lansing

AGC
Robert J. Zimmerman, Herlihy Mid-Continent Co., Bay City
R. D. Maxwell, Miller-Davis Co., Kalamazoo
Morse R. Heineman, J. R. Heineman and Sons, Inc., Saginaw
Arthur W. Nelson, E. A. Strom Co., Muskegon
Jack W. Barnes, Barnes Construction Co., Grand Rapids
George W. Combs, Committee Secretary, Michigan Chapter, Associated General Contractors of America, Inc., 127 N. Cedar St., Lansing



booth fellow j. h. livingston's second report

James H. Livingston, an associate member of the Detroit Chapter, A.I.A., is on the design staff of Smith, Hinchman & Grylls, Inc., Architects and Engineers. As the winner of the George G. Booth Architectural Traveling Fellowship for 1952, awarded by the U. of M. College of Architecture & Design, he spent ten weeks studying in Europe last summer.

Fourteen new towns, each using existing, relatively small communities as nuclei, are now being created in Great Britain.

Eight of these towns are being built in a ring around London, at a distance of about thirty miles. When completed, they will provide housing for more than 350,000 people from over-crowded London.

These towns are not intended as dormitories for people who work in London. They are the result of a conviction that the cancerous growth of the Capitol at the expense of the surrounding country must be stopped.

London's "New Towns" are planned as "self-contained" units. Here people who would otherwise be living in over-crowded conditions in London, or traveling long distances between the suburbs and their work, can find both homes and employment.

Belts of green countryside will separate the towns from London. Within the towns the residential areas will be arranged in planned relation to the shops, professional services, industry, civic buildings and schools.

Houses in the residential areas are situated on open, curving streets which wind their way through parks as well as business districts, in a well-planned pattern.

Industry is situated in a special

area away from the residential parts of the "new towns." Here the industrialist is offered profitable frontage facilities and the knowledge that additional space will be available for expansion if needed.

Rapid transit systems to London will provide fast commuting service for shopping, entertainment, etc. However, it is hoped that most residents will live and work in their new town.

Planned as balanced social communities, the "new towns" will become the homes of people of all ages and incomes.

As the first step in creating a new town, the Minister of Housing and Local Government designates an area in which the town will be built—he also names a maximum population. The Minister is responsible to Parliament and must comply with housing policies, the regulations governing finances and the use of scarce materials.

Prior to the designation of an area, the planning departments of the counties surrounding London have formed tentative plans for expansion and have requested official action. Most of the new towns have areas of about 6,000 acres, and proposed populations of 50-60,000; but it is interesting to note that several towns have already been forced to raise their planned population limits to 80,000.

After the location of the new town

has been designated, a development corporation is appointed. Composed of 6-9 members, this body has the power to acquire, hold and manage land; to build; to provide utilities and services, and "generally do anything necessary or expedient for the purpose of the new town or for purposes incidental thereto."

In practice, the first activity of the development corporation has been for their own full-time salaried staff of planners and architects to make a master plan for the development. The second step is to secure utility services by negotiation with the authorities responsible. The third step is building houses.

Another important function of the development corporation is to attract industry. Sites are let to industrialists, or in some cases, factories built by the corporation are let.

The corporation architects have developed a very lightweight pre-fab, modular type of construction for the plants. The roofs are of two types; either 2" curved pre-cast lightweight concrete sections, or sloped pre-cast concrete panels in a saw-tooth arrangement. The sites are planned for modular expansion under a general industrial area expansion plan. In this way, the expansion is controlled and the result is a colorful composition of open areas and low-level, similarly shaped structures.

Financing is made by advances

from the Treasury, but the principle is laid down that the corporations must pay their own way, from rents on houses (the housing receives a subsidy to keep rents down) shops, factories, sites, etc. All interest must be met on the capital advanced, and the capital must be repaid over a period of sixty years.

The two main economic problems are that of attracting industry, and that of building cheaply. The general policy of the government in regard to location of industry greatly affects the success of the new towns. The primary need is that industries should not be allowed to develop where they are likely to increase congestion of existing towns.

Unfortunately, this policy has not worked out too well. Once several substantial industries have been induced to move to the new area and have established themselves, other more timid industries tend to follow. But they all wish to move to the town already well on the way to being developed. They will not assume the risk of building in the slow developing town that really needs them for a starter. The result is that those towns with the greatest momentum and best natural amenities, draw more industry applications than they need while others are stalemated from the lack of them.

Materials are difficult to get and there is a shortage of labor. In addition, the building industry seems unable to drop its archaic methods and build more efficiently. Taking industry as a whole, output per man-hour is higher today than pre-war. Building is a sad exception. Building output per man hour in 1950 was 20 per cent below pre-war level, yet wages were twice as high. This high cost of building makes new town development difficult.

Aesthetic and cultural values played a significant part in the preliminary planning stages of selling the new town concept to the people. But the impetus of building with the need for economy has placed the emphasis increasingly upon material values to the detriment of cultural ones. Also, this impetus has seemed to encourage the corporations to compete among themselves with the results measured in quantity rather than quality.

Developing a sense of community feeling is a difficult problem. The first inhabitants consist largely of young married people. As a consequence the towns overflow with young children. There are few adolescents and old people. The newcomers consider themselves pioneers and there is much friction between



William E. Kapp receiving citation from Louis H. Schostak, Chairman of the Building Committee of Temple Israel of Detroit. Shown at left is Samuel Linden of Lerner-Linden Construction Co., builders of the Temple.

William Edward Kapp, F.A.I.A., was presented with a certificate at a special meeting of the Board of Trustees of Temple Israel of Detroit recently, expressing appreciation and thanks for his work, effort and successful accomplishment in the building of the new Temple.

The citation stated that the architect had, "by study and research be-

yond the call of contractual obligation, and by skill and artistry, so designed and supervised the construction of the Temple Building and its fittings and equipment that it is a masterpiece of beauty in the community," and it continued, "Through his ability, sparked with the inspiration of genius, he has achieved the creation of a structure beautiful in simplicity, spacious in capacity, thorough in detail.

"Without additional compensation, he designed an Ark of the Law, a near replica of that described in the Holy Scripture, as a fitting climax to his work."

them and the original inhabitants, whom they regard as reactionaries, anxious to prevent development. The original inhabitants, though aware of the social purpose of new towns, have not enjoyed the processes of construction, the uprooting of local features, and the devastation of the country side by pre-development preparations.

Most administrative problems that develop concern the degree of freedom and responsibility that should be left to the development corporations. Control of some kind is inevitable. Administration control of development and land use has been one thing; administrative control in the field of aesthetics has been another. The development corporations have been vested with considerable power, and this power is increasing.

Many architects connected with the work thought authorities were tempted to reduce architecture to compliance with their own ideas. This led to dogmatic ideas about new buildings harmonizing with existing ones. The public control seem-

ed to strain out valuable qualities and discourage originality. This was evident in the finished housing designs, little changed from pre-war attempts.

The corporations **themselves** feel that they have "too many masters," and they described the administrative machinery regulating their activities as "cumberous beyond belief." This is an issue they expect more experience to settle.

The idea behind the "new towns" assumes that decentralization is inevitable, if only to relieve central congestion. It also assumes that decentralization can be handled much better by building completely new urban areas, rather than by just adding another shopping center and group of homes at the edge of the city.

In America, "new towns" planning has been given little official attention, but our trend towards decentralization is creating greater public interest in the planned community with its opportunities for healthy, happy living, close to one's work and close to natural beauty.

architectural bowlers

Architects may differ on contemporary or traditional design, but they agree on one activity—bowling.

Over 120 architects and engineers representing 14 architectural and engineering firms attest to the popularity of this tenpin sport by their active participation in one of Detroit's oldest bowling leagues—the Detroit Architectural Bowling League.

Celebrating its 31st anniversary, the league's founding fathers enumerate such names as, the late "Cap" Ralph B. Pierce, Norman Krecke, Bill Bruss, George McLaughlin, Nate Kern, the late Harry Meier, and the late N. B. Hubbard. These men were the motivating force behind the establishment of D. A. B. L. in the fall of 1922. On its roster of active keggers are three of the early-league members, Les Manning and Max Luce associated with Harley, Ellington & Day; and Cliff Bradshaw, with Albert Kahn Associates.

The league has been rolling on the 7th floor alleys of Detroit Recreation for almost 31 years. Only during the depression years of 1932-1935 was the league inactive.

On Friday nights, one can sense the fierce competition of the Detroit Architectural Bowling League as the 14 teams vie for top position.

This year, additional incentive for first place honors has been instilled in the league, for at the conclusion of the season a beautiful 32" high engraved trophy will be temporarily awarded to the winner.

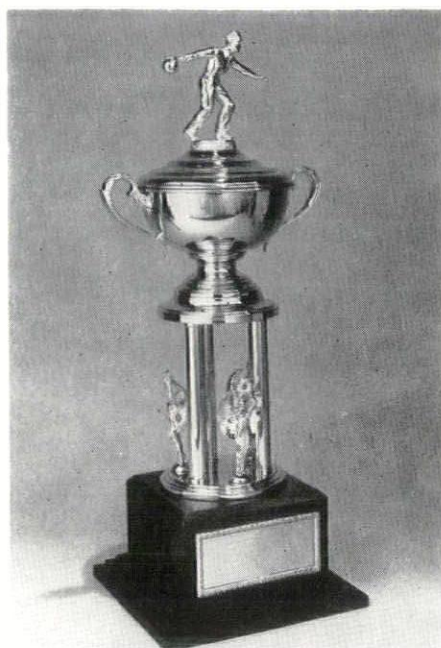
Through the efforts of Chet Jaros and Josh Finkbeiner substitute bowlers for Herman & Simmons and A. J. Bouffard, General Manager of Chem-Brick, a trophy was offered to and accepted by the league. This trophy, to be called the "Architect's Trophy" was donated by Detroit Brick and Block Company, manufacturers of Chem-Brick and will be kept by the three-time winner, the prize and banquet committee has agreed. The yearly winner will be awarded a plaque in the interim.

With Albert Kahn Associates, the defending champions, in third place as of Friday, March 13, a dark horse engineering team, Snyder & McLean, is tenaciously clinging to first place by a slim three point margin.

Architects reluctant to see an engineering firm walk off with the "Architect's Trophy" are desperately trying to push an architectural firm into top spot. In an advantageous position to wrest the trophy from the eager hands of Snyder & McLean keggers, is the determined Giffels & Vellee aggregation, in second place.

Both Albert Kahn Associates and Giffels & Vellee, Inc. teams recently returned from the highly competitive A. B. C. tournament in Chicago, in which each quintet rolled impressive scores.

Other firms represented in the league are, McGrath & Dohmen; Smith, Hinchman & Grylls; Norman Krecke; Herman & Simons; H. E. Beyster; Eberle M. Smith; Hyde & Bobbio; Ralph R. Calder; George Wagschal Associates; Diehl and Diehl and Harley, Ellington & Day.



BOWLERS' OSCAR

George Diehl, President of the league, has announced that the D.A.B.L. annual bowling banquet will be held at Carl's Chop House on Grand River, Friday, April 24, 1953. He has issued an open invitation to all architects and engineers who are interested in attending this gala affair. Diehl said, that men who would like further information on this banquet may call Bob Davis, Chairman of Prize and Banquet Committee at WO. 5-7474.

Other officers in the league are, Bob Larsen of Giffels & Vellee, Vice-president; Les Manning, Secretary and Walter Ziemba, of George Wagschal Associates, Treasurer.

The Eligibility Committee, whose main purpose is to pass upon the eligibility of each kegger, is composed of Les Manning, Chairman; Ed Brown of Albert Kahn Associates and Lyle Askew of Ralph R. Calder.

Assisting Bob Davis, Chairman of the Prize and Banquet Committee in planning the awarding of annual prizes and in the final arrangements for the annual banquet are five other committee men, Joe Bobbio of Hyde & Bobbio; Eugene DiLaura of Eberle M. Smith; John Hilberg of Herman & Simons; John Jensen of Norman Krecke and Walt Ziemba of George Wagschal Associates.

Amedeo Leone, president of the Detroit Chapter of The American Institute of Architects, and Mrs. Leone have left for a two-weeks vacation in Florida.

Leone is vice-president of Smith, Hinchman and Grylls, Inc., Architects and Engineers, with offices in the Marquette Building, Detroit.

Architects Paul R. Sewell and Frederick J. Schoettley, partners in the firm of Sewell & Schoettley, of Detroit, were in an automobile accident near Saginaw on March 17. Their car struck an unexpected area of slush, skidded, went off the road and turned over. Both sustained back injuries,

were taken to a hospital in Pontiac, then transferred to Detroit Memorial Hospital, 1420 St. Antoine, Detroit. It is reported that they will be hospitalized for several weeks.

C. Allen Harlan, president of Harlan Electric Company, has been elected president of the Detroit Educational Television Foundation. Other officers are James Cope vice-president of the Chrysler Corporation; William E. Stirton, assistant to the acting president of Wayne University; and Mrs. Frank Couzens, widow of the former mayor of Detroit and president of the League of Catholic Women.

Harlan, donor of the \$5,000 scholarship, sponsored by the Michigan Society of Architects in 1952 and won by Kent Cooper, recently established a similar scholarship at Brandeis University in Waltham, Mass.

WANTED

SALESMEN AND
SALES TRAINEES

Fenestra

SASH
DOORS
BUILDING PANELS

**Detroit Steel
Products Co.**

11345 Mound Rd.

MR. W. H. BEEBY

TW. 2-6800

Plastoid

Putties and
Caulking Compounds

PLASTI-GLAZE

Glazing Compound

RELIABLE
TIME-TESTED

Specification Products by



PLASTIC PRODUCTS CO

6457 GEORGIA AVE., DETROIT 11, MICH.

Factories: Chicago, Jersey City, Detroit

Plastoid Products Co., Inc., New Orleans.

ROSTER

MICHIGAN SOCIETY OF ARCHITECTS

Membership in the Michigan Society of Architects is composed of corporate members of The American Institute of Architects, through the three Michigan Chapters (Detroit 385, Western Michigan 88, Saginaw Valley 20, Non-Resident 105, Honorary 1, total 599).

- ABRAMS, HENRY J.** 16128 Fairfield St., Detroit 21
ACKLEY, CLARK R. 1811 E. Michigan Ave., Lansing 12
AGREE, ALLAN G. 19364 Lauder St., Detroit 19
AGREE, ARNOLD 2240 W. Grand Blvd., Detroit 8
AGREE, CHARLES N. 1140 Book Bldg., Detroit 26
AITKEN, ROBERT J. 1993 W. Liberty St., Ann Arbor
AKITT, W. ROY 2407 National Bank Bldg., Detroit 26
ALBANO, JOSEPH F. 812 E. Catherine, Ann Arbor
ALBERT, AUGUSTUS JAMES 1929 Drake Rd., Rt. No. 9,
Box 30, Kalamazoo
ALLEN, ROGER 1126 Grand Rapids Nat'l. Bank Bldg.,
Grand Rapids 2
ALLEN, SAMUEL C. 603 Bearinger Bldg., Saginaw
ALLISON, D. M. 715 Prospect Ave., Cleveland, Ohio
ALTMIRKS, HENRY F. 345 New Center Bldg., Detroit 2
AMES, CARL LLOYD 3505 Center St.,
Milwaukee 10, Wis.
ANDERSON, DONALD C. 4909 Palmer Ave., Dearborn
ANDERSON, LESTER F. 9 Leighton Pl.,
Silver Springs, Maryland
ANDERSON, WERNER B. 4708 Sherbourne Dr., Pontiac
ARMOR, WILLIAM R. Rte. No. 1, Box 264A, San Rafael, Cal.
ARNTZEN, GOTHARD 820 S. 16th St., Escanaba
ARRASMITH, WILLIAM S. 410 Lincoln Bank Bldg.,
Louisville 2, Ky.
ASKEW, LYALL H. 20431 Danbury, Detroit 3
ATTWOOD, CHARLES W. 4334 Monroe St., Wayne
- BACHMANN, GEORGE G.** 1405 Kearsley Pk. Blvd., Flint 6
BACON, MORTIMER E. 475 Peterboro St., Detroit 1
BAGLEY, ALFRED J. 116 Tennyson, Highland Park 3
BAILEY, EDWARD D. 9975 Pinehurst Ave., Detroit 4
BAILEY, ROGER 180 N. State St., Salt Lake City, Utah
BAKER, JOHN P. Old YMCA, W. Michigan Ave., Lansing 13
BANKES, HURLESS E. 16606 James Couzens Hwy., Detroit 21
BARCUS, FRANK A. c/o City Plan Comm., 1214 Griswold,
Detroit 26
BARR, JAMES H. 147 W. Long Lake Rd., Bloomfield Hills
BASSO, VICTOR J. 18326 Woodward Ave., Detroit 3
BATES, CHARLES E. 15021 Harper Ave., Detroit 24
BAUER, LEO M. 534 Free Press Bldg., Detroit 26
BEACH, GLENN M. 414 Court St., Saginaw
BEAM, HAROLD A. 14200 Woodmont Rd., Detroit 27
BECKETT, HAROLD C. 52 Chatham St., W., Windsor, Ont.
BECKBISSENGER, FREDERICK 304 Carroll St., Saginaw
BELCO, MOSSIE Alfred Stn. P.O. Box 34, Detroit
BELL, D. CARLTON Box 154, Franklin, Michigan
BELSON, GORDON A. 247 Winter, Battle Creek
BENJAMIN, GLENN H. 2730 Fairfield Ave., Kalamazoo 32
BENNETT, L. R. 15624 Michigan Ave., Dearborn
BENNETT, M. FRED 22606 Tireman Ave., Detroit 23
BENNETT, WELLS I. 500 Highland Rd., Ann Arbor
BERGEY, FRANK A. 5550 Bedford, Detroit 24
BERY, GEORGE J. 24050 Roanoke Rd., Ferndale 20
BINDA, GUIDO A. 510 Post Bldg., Battle Creek
BINGMAN, ROBERT E. 1746 Penobscot Bldg., Detroit 26
BISSELL, EDWARD E. 1184 Edgewood Ave., Birmingham
BLACK, HENRY CHASE, JR. 149 Redner Drive, Battle Creek
BLACK, KENNETH C. 706 Capitol Savings & Loan Bldg.,
Lansing 68
BLACK, LEE 706 Capitol Savings & Loan Bldg., Lansing 68
BLAIR, JOHN O. 17006 Maumee St., Grosse Pointe 30
BLAKESLEE, L. ROBERT 18218 Stoepel Ave., Detroit 21
BLESSING, CHARLES A. c/o City Plan Commission,
1212 Griswold, Detroit 26
BLOOD, MARION FRANCES Womans City Club,
505 Wick Ave., Youngstown, O.
BLUME, LOUIS J. 345 New Center Bldg., Detroit 2
BOARDMAN, CHARLES E. 2025 Lennon, Grosse Pointe 30
BOHLEN, AUGUST C. 930 State Life Bldg.,
Indianapolis, Ind.
BRAGG, STANLEY 391 W. Maplehurst Ave., Ferndale 20
BOULWARE, LYLE F. Fidelity Phil. Trust Bldg.,
Philadelphia, Pa.
BRANDT, CHRISTIAN W. 1418 Woodward Ave., Royal Oak
BRANDT, PERC Dempsey Bldg., Manitowoc, Wis.
BRIGHAM, GEORGE B. 517 Oxford Rd., Ann Arbor
- BRITSCH, CARL C.** 531 Nicholas Bldg., Toledo 4, Ohio
BROECKER, ERWIN L. 1438 Majestic Bldg., Detroit 26
BROWN, H. SANBORN 83 Meadow Lane,
Grosse Pointe Farms 30
BROWN, PAUL B. 1656 Washington Blvd., Birmingham
BRYSSSELBOUT, PAUL A. Commercial Exchange Bldg.,
814 Adams St., Bay City
BUDKE, ERNST 6833 Meade St., Unit 11, Pittsburgh 17, Pa.
BUDZYNSKI, DELPHIN S., SR. 241 Rhode Island Ave.,
Highland Park 3
BULTHUIS, ALFRED K. Box 671, Kalamazoo 99
BURGESS, JOHN H. Lakeview Bldg., 115 W. Territorial Rd.,
Battle Creek
BURNS, J. CHARLES 5266 Coplin Ave., Detroit 13
BURNS, J. K. 243 Congress, Detroit 26
BURROWES, MARCUS R. 226 University Crescent,
London, Ont., Canada
- CALDER, RALPH R.** 1212 Kales Bldg., Detroit 26
CALDER, ROBERT F. 18100 Greenlawn, Detroit 21
CALDWELL, LAWRENCE E. 13606 Stoepel, Detroit 4
CAMPAU, A. B. 738 Michigan Trust Bldg., Grand Rapids 2
CARSON, FRANK S. 309 Virginia Ave., Ann Arbor
CARVER, WILLIAM W. 517 N. Washington Ave., Lansing 15
CERNY, JEROME R. The Clock Tower, Market Square
Lake Forest, Illinois
CHANEL, ADELBERT B. 9 Merwood Dr., Battle Creek
CHENEY, HOWARD L. 817 Forest Ave., Evanston, Ill.
CHESNOW, LOUIS 509 W. Willis, Detroit 1
CHILDS, FRANK A. 20 N. Wacker Dr., Chicago 6, Ill.
CHITTENDEN, ALPHEUS 1st & Broadmoor Sts.,
Colorado Springs, Colorado
CHRISTENSON, TRACE, JR. 1035 S. Lincoln, Niles
CLAPP, JOHN E. 415 Capitol Square Bldg., Detroit 26
CLARK, ERROLL R. 5511 Argyle, Dearborn
CLELAND, EUGENE T. c/o Geo. D. Mason & Co.,
409 Griswold, Detroit 26
COLE, LYLE S. 7376 Grand River Ave., Detroit 4
COLTON, HARRY L. 510 Grand Rapids Nat'l Bank Bldg.,
Grand Rapids
COLVIN, F. HUSTON 2010 Longshore Dr., Ann Arbor
CONFER, EARL L. 14000 Strathmoor, Detroit 27
CONN, JAMES W. 20169 James Couzens Hwy., Detroit 35
COOMBE, W. GLASSON 412 Calvin Theatre Bldg., Dearborn
CORNWELL, FREDERICK G. 328 W. 11th St., Traverse City
COUGHLAN, NORMAN H. 3402 Bewick, Detroit 14
COUSINS, J. LESTER 409 Griswold St., Detroit 26
COWIN, JULIAN R. 153 E. Elizabeth St., Detroit 1
COX, CYRIL F. 11-135 General Motors Bldg., Detroit 2
COX, FRANK E. 1944 Monterey, Detroit 6
CREASER, WILLIAM H. 415 Capitol Square Bldg.,
1265 Griswold, Detroit 26
CROSS, JOHN K. c/o H. E. & D., 153 E. Elizabeth St., Detroit
CROWE, CHARLES A. 738 Michigan Trust Bldg.,
Grand Rapids
CROWELL, JOHN M. 128 S. Washington Dr., Sarasota, Fla.
CURRY, HARVEY C. 1008 Third St., Jackson
CUTTING, RICHARD HAWLEY 2074 E. 36th St.,
Cleveland, Ohio
- DALTON, BYRON** 979 The Arcade, Cleveland, Ohio
DANILOWICZ, SEVERN J. 8882 Grandville, Detroit 10
DAVIS, STANLEY J. 2150 Elmdale St., Dearborn
DAY, CLARENCE E. 153 E. Elizabeth St., Detroit 1
DEAN, FRANK E. Haven Hills, Albion
DELA MOTTE, R. B. 480 Overlook Blvd., Painesville, Ohio
DELLAR, ERNEST J. 32 Fairwood Blvd., Pleasant Ridge
DENYES, HARRY M. c/o Swanson Associates,
Bloomfield Hills
DERRICK, ROBERT O. 515 Hammond Bldg., Detroit 26
DES ROSIERS, ARTHUR 15850 James Couzens Hy., Detroit 21
DeVRIES, BERNARD J. 613 Hackley Union Nat'l. Bank
Bldg., Muskegon
DeYOUNG, PHILLIP 205 E. 42nd St., New York 17, N.Y.
DIEHL, GEORGE F. 120 Madison Ave., Detroit 26
DIEHL, GERALD G. 120 Madison Ave., Detroit 26
DISE, J. IVAN 2631 Woodward Ave., Detroit 1

DITCHY, CLAIR W. 5 W. Larned St., Detroit 26
 DITTMER, RALPH T. 732 W. Rankin St., Flint 4
 DOHMEN, ANTON G. 2631 Woodward Ave., Detroit 1
 DOLE, WALTER M. 1676 W. Saratoga, Ferndale 20
 DONKervoET, CORNELIUS 14364 Faust, Detroit 23
 DOW, ALDEN B. 315 Post St., Midland
 DOX, HAMILTON B. 502 Lehmann Bldg., Peoria, Ill.
 DRAINIE, JOHN G. 345 New Center Bldg., Detroit 2
 DRAZ, FRANCIS K. 1010 Euclid Ave., Cleveland 15, Ohio
 DUFFIELD, EDWARD R. RFD No. 4, Dowagiac
 DUNBAR, REED M. Reisig Bldg., Monroe
 DWORSKI, JOSEPH F. 4661 Chatsworth, Detroit 24

EASH, ORUS O. 134 E. Front St., Traverse City
 EBBERT, EDWARD F. 23106 Marter, St. Clair Shores
 EDWARDS, LOUIS A. 4047 Ida, Detroit 9
 EHLERT, HAROLD H. Box 474, Franklin
 ELTING, WINSTON Libertyville, Ill.
 EUBANK, THOMAS NEEL 2430 Mackin Rd., Flint 4
 EUGENE, ALEXANDER K. 1320 W. 74th St., Chicago 36, Ill.
 EVANS, JOHN H. V. 252 W. Cortland St., Jackson, Mich.

FAIRBROTHER, FREDERIC A. 345 New Center Bldg.
 Detroit 2

FARRENS, JOHN H., JR. 1055 Convention St.,
 Baton Rouge, La.

FAULHABER, FRANCIS A. 128 E. Maumee, Adrian
 FAULKNER, CHARLES D. 307 N. Michigan Ave., Chicago, Ill.
 FELDSTEIN, HERMAN H. 337 Spitzer Bldg., Toledo 4, Ohio
 FERNWALD, WILLIAM M. 3785 Virginia Park, Detroit 6
 FERNBACH, RICHARD B. c/o City Plan Comm., City Hall
 Highland Park, Michigan

FIELD, HARFORD 153 E. Front St., Traverse City
 FINN, ROBERT 502 Francis Palms Bldg., Detroit 1
 FISHER, HAROLD H. 1403-4 Industrial Bank Bldg., Detroit
 FLANAGAN, PAUL E. 1059 Lakeside Dr., East Grand Rapids
 FLEISCHAKER, STANLEY 20489 Lichfield Rd., Detroit 21
 FORTNEY, RALPH B. 18982 Coyle, Detroit 19
 FOWLER, HOMER A. Room 600, 1217 Griswold St., Detroit 26
 FRANTZ, ROBERT B. 326 N. Washington Ave., Saginaw
 FRASER, WILLARD E. 315 Post St., Midland
 FREIER, HENRY M. 300 Murphy Bldg., Detroit 26
 FREIWALD, CARL J. 630 N. Elizabeth, Dearborn
 FRENCH, JOSEPH N. 14280 Robson, Detroit 27
 FROST, BARRY L. 402-A Thompson St., Inyckern, Calif.
 FROST, WALLACE 277 N. Bates, Birmingham
 FRY, LYNN W. 1206 Orkney Dr., Ann Arbor
 FUGARD, JOHN R. 520 N. Michigan Ave., Chicago, Ill.
 FUGER, FREDERICK W. 510 Madison Theatre Bldg.,
 Detroit 26

FULTON, HARRY A. 19700 Delaware Dr., Euclid, Ohio
 FUNKE, PHILIP J. 3831 W. Eight Mile Rd., Detroit 21
 FURLONG, HAROLD B. 16605 Linwood, Detroit 21
 FUSCO, J. ALDEN 309 23rd St., Miami Beach 39, Florida

GABLER, CORNELIUS L. T. 924 Hammond Bldg., Detroit 26
 GARSTECKI, WALTER F. 2535 7th St., Tucson, Arizona
 GAVIN, DONALD 3800 Terminal Tower, Cleveland 13, Ohio
 GEHRKE, HANS 751 Griswold St., Detroit 26
 GERGANOFF, RALPH S. 206 N. Washington, Ypsilanti
 GIBERSON, EDGAR D. 5342 Grayton, Detroit 24
 GILDERSLEEVE, FORREST A. 1503-4 Reynolds Bldg.,
 Jackson, Mich.

GIRARD, ALEXANDER H. 16841 Kercheval Place,
 Grosse Pointe 30

GJELSTEEN, HARRY W. 218 First St., Menominee
 GODDEYNE, JOSEPH C. 417 Bay City Bank Bldg., Bay City
 GOLDSMITH, DONALD H. 100 Oakman Blvd.,
 Highland Park 3

GOTHOLD, DAVID J. 17300 Muirland, Detroit 21
 GOULD, NATHANIEL O. 320 S. Main St., Plymouth
 GRASSOLD, HERBERT J. 734 N. Jefferson St.,
 Milwaukee 2, Wisc.

GREENBERG, ERNEST 15498 Livernois Ave., Detroit 21
 GRIFFIN, FRANCIS E. 126 John R. St., Detroit 26
 GRIFFITH, ORRIN K. 15 Ferrin Pl., Mt. Clemens
 GRUEN, VICTOR D. 1905 Industrial Bank Bldg., Detroit 26
 GUENTHER, WERNER 628 W. Brentwood, Detroit 3
 GUSTAFSON, ROBERT G. 15 1/2 E. Front St., Monroe
 GUY, EDGAR 19161 Berden, Detroit 24

HAAS, GEORGE J. 866 Belle Meade Island Dr.,
 Miami, Florida

HABERMAS, CARL R. 415 Brainard St., Detroit 1
 HAFNER, GENEVIEVE H. 164 Moross Rd., Grosse Pointe 30
 HAMMETT, RALPH W. 1425 Pontiac Rd., Ann Arbor
 HAMMOND, MAURICE E. 1217 Griswold St., Detroit 26
 HANNAN, CHARLES D. 36668 Howard Rd., Farmington
 HANNIKEN, G. J. 7338 Woodward Ave., Detroit 2
 HARLEY, ALVIN E. 153 E. Elizabeth St., Detroit 1
 HARLEY, FREDERICK M. 153 E. Elizabeth St., Detroit 1
 HARMAN, HARRY J. 1602 Military St., Port Huron
 HARRIS, CLARK E. 4681 Woodcraft Rd., Okemos, Mich.

HARRIS, GEORGE K., JR. 18540 Rosemont Dr., Detroit 19
 HARTWICK, BRUCE M. 1003 Bauch Bldg., Lansing 10
 HASTINGS, ROBERT F. 1723 Edgewood Blvd., Berkley
 HAUGHEY, PHILLIP C. 423 Post Bldg., Battle Creek
 HAVEMAN, JAMES K. 735 Mich. Trust Bldg., Grand Rapids
 HAWES, GEORGE S. 409 Sill Bldg., Flint 3
 HEBBRARD, JEAN 1109 Wells St., Ann Arbor
 HEENAN, LEO J. 15 Carlton St., Pontiac
 HELLMUTH, GEORGE F. 1110 International Bldg.,
 St. Louis 1, Mo.

HERBST, WILLIAM G. 1249 N. Franklin Place,
 Milwaukee, Wisc.

HERMAN, ALOYS FRANK 1150 Griswold-510 David Stott,
 Detroit 26

HERRICK, FRED J. 810 Maple St., Albion
 HERTEL, BENJAMIN W. 38 Pearl St., Grand Rapids 2
 HEWITT, EDWARD N. 708 W. Lincoln Ave., Birmingham
 HEWLETT, THOMAS H. 950 Hunter Blvd., Birmingham
 HILBERG, JOHN T. 7584 Forestlawn Ave., Detroit 5
 HILL, MYRON T. 212 Coast Blvd., La Jolla, Calif.
 HILLIER, J. DALE c/o H. F. Stanton, 1243 Free Press Bldg.,
 Detroit 26

HINE, TREDICK K. 10504 LaSale Blvd., Huntington Woods
 HOFFMASTER, HARVEY R. 10540 Hart Ave.,
 Huntington Woods

HOGAN, MERLE WM. 18901 Grand River Ave., Detroit 23
 HOOKER, ARTHUR M. 411 Mich. Theatre Bldg., Muskegon
 HOSMAN, LEO J. 800 Marquette Bldg., Detroit 26
 HOUGEN, DONN Wood Block, Wisconsin Rapids, Wisc.
 HOWE, GEORGE Yale Univer., New Haven, Conn.
 HOWE, HUBERT 2451 Monterey Ave., Detroit 6
 HUBERT, DERRICK, JR. 4733 White Oak, Encino, Calif.
 HUESMANN, LOUIS B. 8903 Quincy, Detroit 4
 HUGHES, JAMES BENNETT 163 Moss Ave., Detroit 3
 HUGHES, TALMAGE C. 120 Madison Ave., Detroit 26
 HUNTER, DON W. c/o Standard Accident Ins. Co., Detroit 1
 HYDE, ARTHUR K. 1000 Marquette Bldg., Detroit 26

ILGENFRITZ, HAROLD D. 719 Hammond Bldg., Detroit 26
 INGALL MORTON H. 1000 Van Dyke, Detroit 14
 IRONSIDE, IAN C. 416 Burcham Dr., Box 140, East Lansing

JACKSON, MORRIS 19204 Whitcomb, Detroit 35
 JACQUES, GILBERT J. P. 17673 Manderson Rd., Detroit 3
 JAHR, THURSTON R. 21904 Michigan Ave., Dearborn
 JANSSEN, OSCAR 1320 Chemical Bldg., St. Louis 1, Mo.
 JEHL, EMIL G. 9219 Mason Pl., Detroit 9
 JEPSON, RAYMOND G. 20202 Picadilly Rd., Detroit 21
 JERNEGAN, PAUL F. 223 E. Lincolnway, Mishawaka, Ind.
 JICKLING, JOHN W. 1591 Stanley Blvd., Birmingham
 JOHE, HERBERT W. 440 Barton North Dr., Ann Arbor
 JONES, A. CHARLES 1803 1/2 N. Saginaw St., Flint
 JOSLIN, FREDERICK BURR 14450 Stahelin Ave., Detroit 23

KALLMES, JOHN J. 806 Park Ave. Bldg., Detroit 26
 KANN, NORMAN K. 17156 Wildemere, Detroit 21
 KAPP, WILLIAM E. 1842 Buhl Bldg., Detroit 26
 KASURIN, JOHN 1501 Cadillac Square Bldg., Detroit 26
 KASURIN, PAUL 303 State Savings Bank Bldg., Ann Arbor
 KAVIEFF, OTTO H. 302 Transportation Bldg., Detroit 26
 KELLEY, JOHN R. 435 Architects & Builders Bldg.,
 Indianapolis, Ind.

KELLOGG, DIXON B. 112 Madison Ave., Detroit 26
 KEOUGH, HENRY J. 4060 Taylor, Detroit 4
 KETCHUM, MORRIS, JR. 227 E. 44th St., New York 17, N.Y.
 KETELHUT, PAUL J. 1000 Packard St., Ann Arbor
 KEYES, HUGH T. 309 Wabeek Bldg., Birmingham
 KIEHLER, ELMER GEORGE Crane, Kiehler & Kellogg,
 112 Madison, Detroit

KIFF, AARON N. 101 Park Ave., New York 17, N. Y.
 KIMBALL, DONALD A. 2345 Delaware Blvd., Saginaw
 KIMBALL, EDGAR R. 35 N. 39th St., Belleville, Illinois
 KING, CHRISTOPHER J. Rte. No. 2, Vermontville
 KING, SOL 2804 Oakman Blvd., Detroit 4
 KINGSCOTT, LOUIS C. P.O. Box 671, Kalamazoo 99
 KINGSLEY, GEORGE S. 1611 Plunkett St., Hollywood, Fla.
 KISSINGER, STEWART S. 22040 Watsonia, Dearborn
 KLEIN, HERMAN J. 929 E. Wellington, Flint 3
 KLOSKE, WALTER E. 16836 Lindsay, Detroit
 KNAPP, ELIUD JOHN 2424 Mildred Ave., S. E.,
 Grand Rapids 7

KNECHT, FREDERICK W. 8950 Northland Dr., N.E., Rockford
 KNIGHT, E. J. 1000 Marquette Bldg., Detroit 26
 KNOX, WILLIAM D. 5961 13th Ave., St. Petersburg, Fla.
 KNUTH, RALPH W. 613 Sill Bldg., Flint 3
 KOHNER, ALEX 19111 Asbury Park, Detroit 19
 KOLM, ALWIN S. 599 Elmdale Ct., Holland
 KRAUSS, KARL F. JR. Rte. 1, Box 88B, Traverse City
 KRECKE, NORMAN 527 Lakewood, Detroit 15
 KRESSBACH, CARL C. F. 408 Wildwood Ave., Jackson
 KRINSKY, BEN 6014 Euclid Ave., Cleveland 3, Ohio
 KROSKE, PAUL C. 617 Chandler, Flint 3

KUNL, WILLIAM H. 19642 Shrewsbury Rd., Detroit 21
 LACY, JOSEPH N. P.O. Box 270, Bloomfield Hills
 LAITALA, WALTER M. 600 Hollister Bldg., Lansing 8
 LANE, CHARLES W. 1160 Blakeway, Ann Arbor
 LANGHENRICH, FRED W. 4541 W. Washington Blvd.,
 Chicago 24
 LANGIUS, ADRIAN N. Old YMCA Bldg., W. Michigan Ave.,
 Lansing
 LARKIN, LESLIE G. 5538 Ivanhoe, Detroit 4
 LARSON, C. THEODORE 3575 E. Huron River Dr.,
 Ann Arbor
 LEE, IVAN RICHARD Suite 44, Capital City Bldg.,
 Charleston 1, W. Va.
 LEE, RUSSEL HERBERT 14088 Northlawn, Detroit 4
 LEFEBVRE, GREGORY G. 6408 N. Richards,
 Milwaukee 11, Wisc.
 LEINWEBER, JOSEPH W. 696 Rivard Blvd., Grosse Pointe 30
 LENTZ, WALTER E. 1222 Michigan Bldg., Detroit 26
 LEONE, AMEDEO 800 Marquette Bldg., Detroit 26
 LEVEY, NORMAN J. 2306 Guardian Bldg., Detroit 26
 LLEWELLYN, RALPH C. 38 S. Dearborn St., Chicago 3, Ill.
 LOEBACH, FERDINAND A. 317 Cedar, Niles
 LORCH, EMIL 1023 Forest Ave., Ann Arbor
 LOREE, DOUGLAS D. 120 N. 4th Ave., Ann Arbor
 LORENZ, WILLARD B. 19435 Middlesex, Birmingham
 LOWNEY, ROBERT J. 2417 N. Main St., Royal Oak
 LUCKENBACK, OWEN A. 950 Hunter Blvd., Birmingham
 LUNDBLAD, CLAUS D. 4070 W. Fort St., Detroit 9
 LUNDY, WILLMER HENRY 12265 Wilshire Dr., Detroit 5
 LONDON, MAYNARD 6030 Wilshire Blvd.,
 Los Angeles 36, Calif.
 LYTLE, GEORGE D. 1107 Fernwood, Royal Oak
 MACGREGOR, ALEXANDER 23919 Mich. Ave., Dearborn
 MacKENZIE, JOHN 227 Capitol Theatre Bldg., Flint 3
 MacMAHON, CHARLES H. 15324 E. Jefferson, Detroit 30
 MACNEIR, DONALD B. 800 Marquette Bldg., Detroit 26
 MAGNUSON, E. HARRY 201 Montgomery Bldg., Muskegon
 MAGUOLO, GEORGE J. 5428 Maple Ave., St. Louis 12, Mo.
 MAJOR, MILTON C. 910 Clinton Ave., Kalamazoo
 MANO, KIYOSHI 15403 Braile St., Detroit 23
 MANSON, ELMER J. 517 N. Washington Ave., Lansing 15
 MARR, CARL B. 415 Brainard St., Detroit 1
 MARSHALL, WALTER V. RFD No. 1, 95 Underdown Rd.,
 Ann Arbor
 MARTZ, LAWRENCE S. RFD No. 3, Box 255, Pontiac 3
 MARVIN, ALDEN S. 339 Penobscot Bldg., Detroit 26
 MASSON, GEORGE Y. 52 Chatham, W., Windsor, Ont.
 MATHEWS, RAYMOND 5 Belvoir Circle, Chattanooga, Tenn.
 MATTERN, ROBERT A. 2025 Sunnyside Ave., Lansing 10
 MATYCH, L. JACK 810 Weaver Ave., Kalamazoo
 MAY, ROBERT O. 526 Algonquin, Detroit 14
 MEAD, HARRY L. 341 Michigan Trust Bldg., Grand Rapids
 MELES, EDMUND J. 242 Milford St., East Lansing
 MERRITT, GERALD M. 7376 Grand River Ave., Detroit 4
 MESSING, ARTHUR H. 438 Madison, Grosse Pointe Farms 30
 MESTER, FRANK J. 524 Turner Ave., N.W., Grand Rapids 4
 MEYER, EARL G. 324 Touraine Rd., Grosse Pointe 30
 MICHEL, KENNETH A. 341 Touraine Rd., Grosse Pointe 30
 MIEHLS, GEORGE H. 345 New Center Bldg., Detroit 2
 MILES, FRANK A. 24 Beverly, Grosse Pointe 30
 MILLER, CALLIX E., SR. 232 Christman Bldg.,
 South Bend, Ind.
 MILLER, CHARLES T. 1410 Hubbell Pl., Seattle 1, Wash.
 MILLER, NOBLE W. 136 1/2 S. Main St., Kendallville, Ind.
 MILLOTT, HENRY C. 814 W. Washington, Sandusky, Ohio
 MILLS, BYRON E. 15440 Archdale, Detroit 27
 MITSCHKE, ALFRED 153 E. Elizabeth St., Detroit 1
 MITSON, EUGENE W. 27989 Terrance Dr., Detroit 23
 MOFFETT, PAUL 139 W. Maple Ave., Birmingham
 MONTANA, FRANK 1015 Hudson Ave., South Bend 16, Ind.
 MORISON, JAMES B. 16555 Bentler Ave., Detroit 19
 MORRIS, FRED M. 733 Nicholas Bldg., Toledo, Ohio
 MORRIS, HARRY A., JR. 116 Martha's Rd., Hallin Hills,
 Alexandria, Va.
 MORTON, HAROLD 16250 Whitcomb, Detroit 27
 MOSS, THOMAS 320 S. Main St., Plymouth
 MOXNESS, T. J. State of California, Dept. of Public Wks.,
 Division of Architecture, Sacramento 14, Calif.
 MUNGER, HAROLD H. 531 Nicholas Bldg., Toledo, Ohio
 MUNSON, ORLIE J. 409 Busch Bldg., Lansing 68
 MURPHY, CHARLES F. Railway Exchange Bldg.,
 Chicago 4, Ill.
 MUSCH, MAX A. 4533 Fisher Dr., Round Lake, Brighton
 MUSCHENHEIM, WILLIAM College of Architecture,
 U. of M., Ann Arbor, Michigan
 MUTH, GUSTAV 345 New Center Bldg., Detroit 2
 McCARTY, WILLIAM H. 20 N. Wacker Dr., Chicago, Ill.
 McCAUGHEY, WILLIAM F. 3 S. Prospect Ave.,
 Park Ridge, Ill.
 McCONKEY, GEORGE M. 2541 Washtenaw, Ann Arbor
 McDONALD, ALBERT C. 409 Griswold St., Detroit 26

McGRATH, JOSEPH A. 2631 Woodward Ave., Detroit 1
 McGREW, CHARLES B. 16215 Warwick Rd., Detroit 19
 McINNIS, FRANCIS Hq. Alaska Air Command
 Seattle, Washington Installations Directorate, A.P.O. No. 942
 McLAUGHLIN, WILFRED P. 6 Monument Sq. Bldg.,
 8 1/2 Monroe Ave., N. E., Grand Rapids
 McMILLEN, MALCOLM B. 1512 Woodcliffe Dr., S.E.,
 East Grand Rapids
 NAESS, SIGURD E. Railway Exchange Bldg., Chicago 4
 NESMOUR, DAVID WM. 2987 Gladstone Ave., Detroit 6
 NEWLANDER, M. M. 1201 Cherry St., Kalamazoo 39
 NILES, JOHN L. 3430 Edwin, Hamtramck, Mich.
 NOBLE, CHARLES Municipal Court Bldg., Ann Arbor
 NORTON, CHARLES M. 545 Lafayette Ave., S.E.,
 Grand Rapids
 NOTH, EDWIN F. 1304 Maccabees Bldg., Detroit 2
 NUECHTERLEIN, W. F. 600 Hollister Bldg., Lansing 8
 NURMI, S. ALEXANDER 1669 N. Chevrolet, Flint 4
 O'BRYON, CHARLES 300 Fulton St., E., Grand Rapids 3
 O'DELL, FREDERICK C. 1103 Berkshire Rd., Ann Arbor
 O'DELL, H. AUGUSTUS 950 Hunter Blvd., Birmingham
 ODELL, WILLIAM H. 515 Hammond Bldg., Detroit 26
 OLSON, BENJ. FRANKLIN 19 S. LaSalle St., Chicago 3
 OLSON, RALMOND I. 252 West Cortland St., Jackson
 OPDYKE, CHARLES V. 1616 N. Genesee Dr., Lansing 15
 OSBORNE, JAMES H. 207 Carroll Ave., Grand Rapids
 OWENS, SHIRLEY L. 22441 Law Ave., Dearborn
 PAGE, GEORGE Hamilton Rd., Okemos
 PAGE, STEPHEN S. 1875 Oxford Rd., Berkley, Mich.
 PALMER, C. WILLIAM 409 Griswold, Detroit 26
 PALMQUIST, IRVING E. 18600 Schoolcraft, Detroit 23
 PARDEE, (MRS.) ALICE S. 382 Mt. Clemens St., Pontiac 16
 PARDEE, ST. CLAIR 204 E. State St., St. Johns
 PARISE, CHARLES J. 10100 Harper, Detroit 13
 PARKE, ELMER E. 24387 Shook Rd., Rt. 4, Mt. Clemens
 PELLERIN, EARL W. 16855 LaSalle Blvd., Detroit 21
 PEPINSKY, BERNARD 1701 Union Trust Bldg.,
 Cincinnati, Ohio
 PEREIRA, P. R. 1173 Foster Rd., Rte. No. 1, Midland
 PERKINS, LAWRENCE B. 309 W. Jackson Blvd., Chicago
 PERKINS, RAYMOND C. 2324 W. Grand Blvd., Detroit 8
 PERRY, LEO IRWIN 120 Glynn Ct., Detroit 2
 PETERS, (MRS.) ANNA 210 Rosemont St., Lansing
 PETTIBONE, MILTON W. 689 Rivard Blvd., Grosse Pointe 30
 PFEIFFER, REUBON P.O. Box 110, Madison, Wisc.
 PICKENS, BUFORD L. Tulane Univ., New Orleans, La.
 PILAFIAN, SUREN 153 E. Elizabeth St., Detroit 1
 PINE, HAROLD E. 5905 Middlebelt, Garden City
 PIROLA, LOUIS 221 LaSalle St., Chicago 1, Ill.
 PLANK, KENNETH R. 410 Harrison St., Grand Ledge
 PLATNER, JOSEPH W. 2219 Yorkshire Rd., Birmingham
 POLLMAR, F. CARL 209 Architects Bldg., 415 Brainard St.,
 Detroit 1
 POPKINS, SAMUEL K. 16828 Kinsman Rd., Shaker Hts., 20,
 Ohio
 POTTLE, JOHN L. 370 Country Club Lane, Grosse Pointe 30
 PRATT, HERMAN J. P.O. Box 671, Kalamazoo 99
 PRESTON, HOWARD L. 1615 Winthrop Rd., Pontiac
 PRICE, BERYL 1917 Pine St., Philadelphia, Pa.
 PRICE, LOWELL M. 605 W. Eleven Mile Rd., Royal Oak
 PRIMEAU, EDMUND E. 15481 Linnhurst, Detroit 5
 PRUYN, JOHN A. 666 Sheridan Rd., Winnetka, Illinois
 RADFORD, J. RUSSELL 14395 Rosemont, Detroit 23
 RANTANEN, VINER A. 19900 James Couzens Hwy.,
 Detroit 19
 REASEM, RICHARD P. Harrisville
 REID, WILLIAM H., JR. 938 Lafayette, Denver 18, Col.
 REDSTONE, LOUIS G. 10811 Puritan, Detroit 21
 RICHARDS, JOHN N. 518 Jefferson Ave., Toledo, Ohio
 RINDGE, WARREN L. 610 Locust Ave., S.E., Grand Rapids
 RINE, BENJAMIN E. 1014 Lockridge St., Grand Rapids
 RIPNEN, KENNETH H. 101 Park Ave., New York, N. Y.
 ROBINSON, ELIOT FINLEY 572 Linden Rd., Birmingham
 ROBINSON, NORMAN A. 345 New Center Bldg., Detroit 2
 ROBINSON, RICHARD M. 605 Huron View, Ann Arbor
 ROGVOY, THEODORE 929 Fox Bldg., Detroit 1
 ROOT, JOHN WELLBORN 180 N. Wabash Ave.,
 Chicago 1, Ill.
 ROSA, CLARENCE H. 1430 Lindberg Dr., Lansing 10
 ROSELLA, EDWARD G. 5361 E. Outer Dr., Detroit 34
 ROSENFELD, ARTHUR H. 254 W. 54th St., New York 19, N.Y.
 ROSS, DONALD O. 409 Busch Bldg., Lansing 68
 ROSELLO, PETER R. 9407 Mack Ave., Detroit 14
 ROSSETTI, LOUIS 1000 Marquette Bldg., Detroit 26
 ROYCRRAFT, DUANE F. 1175 Penobscot Bldg., Detroit 26
 ROZYCKI, WALTER J. 2268 E. Forest, Detroit 7
 RUDINE, CARL J. 1126 Grand Rapids Nat'l. Bank Bldg.,
 Grand Rapids 2
 RUEHL, BENJAMIN K. Old National Bank Bldg.,
 Spokane 8, Wash.

RUIFROK, HENRY W. 113 Moran Rd., Grosse Pointe Farms 30
 RUSH, J. LEONARD 14300 Abington Rd., Detroit 27
 SAARINEN, EERO W. Long Lake Rd., Bloomfield Hills
 SAMPSON, CLAUDE D. 1204 First St., Jackson
 SANDERS, WALTER B. 309 S. State, Ann Arbor
 SARVIS, LEWIS J. 258 Champion St., Battle Creek
 SCHEUFFLER, CARL A. 2207 Allard Ave., Grosse Pointe Woods 24
 SCHLEY, CYRIL E. 16851 James Couzens Hwy., Detroit 27
 SCHMIDT, ARTHUR O. A. 1118 Buhl Bldg., Detroit 26
 SCHOERGER, ALBERT E. 2458 Leslie, Detroit 6
 SCHOETTLEY, FREDERICK J. 730 Michigan Bldg., Detroit 26
 SCHOWALTER, LEO J. 1562 Fairway, Birmingham
 SCHREIBER, GEORGE F. 2380 Atlantic Blvd., Los Angeles 22, Calif.
 SCHULWITZ, CARL G. 52 Benton Rd., Saginaw
 SCHULZ, GEORGE L. W. 1354 Broadway, Detroit 26
 SCHURMAN, JOHN 1646 Northlawn Dr., Birmingham
 SCHWEIKHER, PAUL Meachan Rd., Roselle, Ill.
 SCHWENKMEYER, CARL H. 2565 W. Ellsworth Rd., RFD No. 6, Ann Arbor
 SCHWINCK, ESTHER 2360 W. Grand Blvd., Detroit 8
 SCRIPTURE, CHARLES M. 4031 Vicksburg, Detroit 4
 SCRYMGEOUR, GEORGE K. 345 New Center Bldg., Detroit 2
 SEEGER, RALPH E. 55 Lakeview Dr., S.E., Grand Rapids 6
 SETTER, D. P. 202 Foshay Tower, Minneapolis 2, Minn.
 SETTERBERG, WM. N. 267 Pipestone St., Benton Harbor
 SEVERIN, EMIL L. 189 McKinley Rd., Grosse Pointe 30
 SEWELL, PAUL R. 730 Michigan Bldg., Detroit 26
 SHAFFER, EARLE W. 19434 Cheyenne, Detroit 35
 SHANAYDA, MICHAEL 12303 Klinger, Detroit 12
 SHAW, ALFRED 208 S. LaSalle St., Chicago, Ill.
 SHEILL, GORDON A. 902 Orchard Grove, Royal Oak
 SHERMAN, PHILIP T. 23341 Bonair, Dearborn
 SIDNAM, VERNE H. 360 Mary St., Grosse Pointe 30
 SIMONS, HOWARD T. 804 Transportation Bldg., Detroit 26
 SIMPSON, STANLEY G. 1003 Bauch Bldg., Lansing 8
 SIRRINE, CHESTER A. 1403 Kales Bldg., Detroit 26
 SKIDMORE, LOUIS 200 East 66th St., New York 28, N.Y.
 SMITH, BENJAMIN L. 101 Park Ave., New York 17, N.Y.
 SMITH, C. WENDALL 48368 Ecorse, Belleville
 SMITH, EBERLE M. 153 E. Elizabeth St., Detroit 1
 SMITH, GEORGE S. 2105 E. 71st St., Chicago 49, Ill.
 SMITH, LINN CHARLES 1823 Penbroke, Birmingham
 SMITH, WILLIAM J. 20 Wacker Dr., Chicago, Ill.
 SNYDER, RICHARD G. 1129 Comfort, Lansing 15
 SOBEL, HERBERT 646 N. Michigan Ave., Chicago 11, Ill.
 SOMERVILLE, JOHN E. 403 W. Walnut St., Green Bay, Wis.
 SORENSON, N. CHESTER 926 N. Monterey, Alhambra, Calif.
 SORIANO, RAPHAEL S. 6731 Leland Way, Los Angeles, Cal.
 SPECTOR, VICTOR B. 1057 W. Broad St., Falls Church, Va.
 SPELLICEY, JOHN P. 15763 Lindsay, Detroit 27
 SPENCE, JAMES A. 326 N. Washington Ave., Saginaw
 SPRAU, GEORGE W. 1015 Campbell Ave., Kalamazoo 51
 STACHOWIAK, STEPHEN J. 3342 Carpenter Ave., Hamtramck 12
 STANTON, HENRY F. 1243 Free Press Bldg., Detroit 26
 STAPERT, RAYMOND M. 1030 Campbell Ave., Kalamazoo 51
 STARIN, HAROLD S. Sellwood Bldg., Duluth, Minn.
 STEFFENS, J. H. GUSTAV Dearborn Hotel, 4616 Calhoun, Dearborn
 STEIN, J. STEWART 450 E. Ohio, Chicago 11, Ill.
 STEINMARK, ARTHUR N. 922 Empire Bldg., Pittsburgh 22, Pa.
 STEKETEE, CHRISTIAAN 503-4 Murray Bldg., Grand Rapids 2
 STICKEL, FREDERICK GORDON 377 McKinley Road, Grosse Pointe Farms
 STIRTON, MALCOLM R. 181 Lothrop Rd., Grosse Pointe Farms 30
 STONE, WILLIAM A. 1507 American Nat'l. Bank Bldg., Kalamazoo 4
 STOWE, GORDON H. 619 W. Barnes, Lansing
 STRAIGHT, EUGENE D. 15624 Michigan Ave., Dearborn
 STRAUSS, A. M. 415 Cal-Wayne Bldg., Fort Wayne 2, Ind.
 STRAUSS, FREDERICK G. 8059 Balfaur Ave., Allen Park
 STUBENRAUCH, EDGAR A. 708 Erie Ave., Sheboygan, Wis.
 STUCHELL, CLAIR A. 883 Rivard Blvd., Detroit 30
 SUMNER, MATHIAS T. 201 Montgomery Bldg., Muskegon
 SWANSON, J. ROBERT F. Bloomfield Hills, W. Long Lake Rd.
 SWARTS, WARD G. 211 N. Adams St., Ypsilanti
 TAMPLIN, ERNEST 22229 John R St., Hazel Park
 TANNER, THOMAS S. 308-10 S. State St., Ann Arbor
 TARAPATA, PETER 6325 Ellsworth, Detroit 21
 TASHJIAN, BERJ 16631 Fenton Ave., Detroit 19
 TAUCH, EDWARD R., JR. 250 East 49th St., New York, N.Y.
 TAYLOR, JONATHAN A. 1415 Glynn Ct., Apt. 102, Detroit 6
 TAYLOR, S. HOWELL 500 Packard St., Ann Arbor
 TEMPEST, ROLLAND W. 1411 E. Jefferson Ave., Detroit 7
 THOMPSON, G. HAROLD 7030 Lacey Ave., Oakland, Calif.
 THORNTON, JOHN C. 2000 Second Ave., Detroit 26
 TILDS, PAUL 18000 James Couzens Hy., Detroit 21
 TOUR, HARRY B. 104 Union Bldg., Knoxville, Tenn.
 TOURTELLOT, EDWARD M., JR. 36 S. State St., Chicago, Ill.
 TOWNSEND, G. B. 1437 Marshall Ave., St. Paul 4, Minn.
 TROUT, ALEXANDER L. 141 Puritan Ave., Detroit 3
 TUTTLE, EDWARD X. c/o Giffels & Vallet, 1000 Marquette Bldg.
 VALENTINE, CHARLES M. JR. 448 Mitchell Rd., Rte. No. 1 St. Clair
 VALENTINE, EDWIN E. 99 Miller, Muskegon
 VANDEN BOGERT, JOHN 952 Michigan Trust Bldg., Grand Rapids 2
 VANDER LAAN, PETER 511 Monroe, Kalamazoo 99
 VANDERPLOEG, RUARD A. 258 Champion, Battle Creek
 VAN DIS, JOHN W., JR. Room 600A, 26 O'Farrell St., San Francisco, Calif.
 VAN DONGEN, HUBERT W. 250 Colfax, Benton Harbor
 VAN REYENDAM, DIRK 15901 Collingham, Detroit 5
 VARNEY, F. ORLA 806 Chatsworth Apts., 530 Merrick, Detroit 2
 VENMAN, VERNON L. 4229 Glendale, Detroit 4
 VICARY, HARRY C. 22148 Michigan Ave., Dearborn
 VOGEL, CHARLES J. 2310 Edison, Detroit 6
 VOLK, JOHN L. 206 Phipps Plaza, Palm Beach, Fla.
 VOSE, GARDINER C. c/o Moynahan Bronze Co., 9071 Alpine St., Detroit 4
 WACHTER, HORACE W. 1220 Madison Ave., Toledo, Ohio
 WAGNER, RANDALL 1510 American Nat'l. Bank Bldg., Kalamazoo 4
 WAKELY, ROBERT CHARLES 18504 Kelly Road, Detroit 24
 WALKER, RALPH 101 Park Ave., New York 17
 WALTERS, ALBERT V. 921 Federal Reserve Bank Bldg., Cincinnati, Ohio
 WARD, RAY F. 132 N. Genessee, Pontiac 19
 WARREN, NEIL ERNEST 34 Maplefield, Pleasant Ridge
 WEAVER, MERLE C. 5920 Lakeview, Detroit 13
 WEBER, ARTHUR A. 160 Market, Mt. Clemens
 WEBSTER, MORRIS 16216 Greenview, Detroit 19
 WEEMHOFF, HARVEY H. 609 Windsor Terrace, Grand Rapids 6
 WEIGLE, WILLIAM L. 248 Pennsylvania Ave., Shreveport, La.
 WEITZMAN, ARNOLD A. 11845 LaSalle Ave., Detroit 6
 WELCH, KENNETH C. 1110 College, N.E., Grand Rapids 5
 WEST, FORREST R. 230 W. Washington Ave., South Bend, Ind.
 WEST, ROBERT J. 512 United Artists Bldg., Detroit 26
 WHEELER, VERNON L. 16119 Fenmore Ave., Detroit 27
 WHITE, DONALD F. 126 John R St., Detroit 26
 WHITE, FRANK A. 70 Carling St., London, Ont., Canada
 WIEDMAIER, FRANK W. 112 Madison Ave., Detroit 26
 WIGEN, FREDERICK E. 507 Weichmann Bldg., Saginaw
 WILBY, ERNEST 1567 Ouellette Ave., Windsor, Ontario
 WILL, PHILIP, JR. 309 W. Jackson Blvd., Chicago 6, Ill.
 WILLEKE, LEONARD 1142 Bishop Rd., Grosse Pointe 30
 WILLIAMS, ALBERT E. 140 Elmhurst, Detroit 3
 WILLIAMS, DAVID H., JR. 13300 E. Outer Dr., Detroit 24
 WILLIAMS, MALCOLM M. 550 Whitehills Rd., East Lansing
 WILLIAMS, MILTON R. 223 W. 1st St., Dayton, Ohio
 WILSON, ARTHUR L. 154 W. Longwood Pl., Detroit 3
 WILSON, C. H. CARLISLE 60 Emmons Blvd., Wyandotte
 WILSON, JOHN ALLENBY 3721 Hampton, Royal Oak
 WINEGAR, W. RAY 1250 Bay St., Toronto 5, Ontario
 WINN, OTIS 528 Michigan Bldg., Detroit 26
 WINTER, FREDERICK J., JR. 2410 Book Bldg., Detroit 26
 WOOD, BARTON D. 695 Rivard Blvd., Grosse Pointe 30
 WOODHOUSE, URBAN UDALL, 592 Lakeside Dr., Birmingham
 WORDEN, ROY A. 312 W. Colfax Ave., South Bend 1, Ind.
 WORLEY, LEON M. 3259 Chalfant Rd., Shaker Heights, Ohio
 WRIGHT, CLIFFORD N. 18600 Schoolcraft, Detroit 23
 WRIGHT, FRANK H. 18160 Westhaven, Detroit 19
 WRIGHT, LLOYD H. 18449 Westover, R.F.D. No. 1, Detroit 19
 WRIGHT, MAXWELL E. 6821 Scotch Lake Dr., Rte. No. 5 Pontiac
 WYETH, WALTER H. 1602 Military St., Port Huron
 YAMASAKI, MINORU 112 Madison Ave., Detroit 26
 YERETSKY, NORMAN M. 830 N. Wabash Ave., Chicago 11, Ill.
 YOKOM, ROBERT WM. 2637 Byrd, Dearborn
 ZANDER, ROBERT A. 345 New Center Bldg., Detroit 2
 ZANNOTH, GEORGE G. 806 Park Avenue Bldg., Detroit 26
 ZILLMER, EMIL G. 1241 Dunham St., E.E., Grand Rapids 6
 ZIMMERMAN, C. DANIEL J. 3538 N. Meridian, Indianapolis, Ind.
 ZIMMERMANN, ARTHUR J. 710 Snyder Rd., East Lansing
 ZIMMERMANN, WILLIAM C. 831 W. Huron, Pontiac 11
 ZISLER, LYLE F. 628 McKerchey Bldg., Detroit 1

ROSTER

PRODUCERS' COUNCIL, MICHIGAN CHAPTER

ALUMINUM COMPANY OF AMERICA Paul R. Marshall, H. J. Broughton 610 New Center Building, Detroit 2		TR. 1-8100
AMERICAN AIR FILTER CO. HERMAN NELSON DIVISION C. W. Trambauer, Albert Genga 15774 Wyoming, Detroit 21		UN. 1-5896
AMERICAN RADIATOR & STANDARD SANITARY CORP. H. M. Armstrong, T. C. Schwer 1426 Maccabees Building, Detroit		TE. 2-1490
AMERICAN STRUCTURAL PRODUCTS COMPANY KIMBLE GLASS COMPANY A. A. Moor PO Box 1035, Toledo 1, Ohio		Fairfax 6543
ARMSTRONG COMPANY H. W. Somershoe, R. J. Olshea 241 S. Post Street, Detroit		VI. 2-1225
ARMSTRONG CORK COMPANY Jay F. Simpson, W. J. Portland 321 Lafayette Avenue, Detroit 25		WO. 3-5670
BELL & GOSSETT R. L. DEPPMANN COMPANY R. L. Deppmann, O. F. Preuthun 1120 W. Baltimore, Detroit 2 333 Fuller, N.E., Grand Rapids 3		TR. 2-6309 Glendale 6-1476
CECO STEEL PRODUCTS CORPORATION J. F. Klein, Gene Smaltz, James Bowton 600 Woodward, Detroit		WO. 1-6294
CELOTEX CORPORATION Ralph A. Dewey, Walter J. Berd 2000 Penobscot Building, Detroit		WO. 3-1792
CHAMBERLIN COMPANY OF AMERICA G. G. Bernard, R. B. Woltz 1521 E. 8 Mile Road, Detroit 20		JO. 6-0787
CRANE COMPANY W. J. Pick, C. M. McDermott, W. L. Converse 150 Randolph Street, Detroit		WO. 3-3123
DETROIT STEEL PRODUCTS COMPANY Tom Moore, W. H. Beeby 11345 Mound Road, Detroit 12		TW. 2-6800
FIAT METAL MANUFACTURING COMPANY Louis T. Ollesheimer — LI. 4-9716 Donald T. Ollesheimer — JO. 4-6791-2 359 Livernois Ferndale, Michigan		
GOODYEAR TIRE & RUBBER COMPANY, INC. J. W. McKenzie, R. C. Lynes 6500 Mt. Elliott Avenue, Detroit		WA. 1-7900
HAUSERMANN, E. F. COMPANY C. M. Houff 2988 E. Grand Blvd., Detroit		TR. 5-6040
HILLYARD CHEMICAL SALES EASTERN DIVISION — UN. 2-3505-6 Albert G. Hann — UN. 4-0823 15875 James Couzens Highway Detroit		
HUNTER DOUGLAS CORPORATION PORTER VENETIAN BLIND Eugene E. Smail 19450 Fitzpatrick, Detroit 28		BR. 3-2150
JOHNS-MANVILLE SALES CORPORATION M. M. (Mack) Spencer, Robert J. Bernard 832 Fisher Building, Detroit 2		TR. 5-3300
JOSAM MANUFACTURING COMPANY Elmo Liddle 18925 Grand River, Detroit 23		VE. 7-5312
KAWNEER COMPANY 600 Michigan Building, Detroit		WO. 3-6232
KENTILE, INC. Ed. J. Simms 16962 Locherbie, Birmingham		MI. 4-7505
LIBBY-OWENS-FORD GLASS COMPANY Jos. F. Busse, Charles W. Burrows 610 Fisher Building, Detroit		TR. 5-0080
MARSH WALL PRODUCTS, INC. Wm. E. Ogden 6432 Cass Avenue, Detroit 2		TR. 5-6300
MASONITE CORPORATION Norman O. Box, Ralph J. Toles 2210 Park Avenue, Detroit 1		WO. 2-5500
MASTER BUILDERS COMPANY Wm. C. Krease, Robert J. Cherry 822 Michigan Building, Detroit		WO. 1-1246
MINNEAPOLIS-HONEYWELL REGULATOR CO. C. H. Starkey, J. A. DePuy 13631 Plymouth Road, Detroit		TE. 4-6020
MIRACLE ADHESIVE CORPORATION CARL F. BECKWITH & SON Carl F. Beckwith, Jr., Clarence B. Shoemaker 6150 Second Boulevard, Detroit 2		TR. 5-3224
MODERN FOLD DOOR SALES COMPANY NEW CASTLE PRODUCTS Charles Kalbfliesch, Harry B. Fike 306 Murphy Building, Detroit		WO. 1-2047
MOSAIC TILE COMPANY Owen S. Watkins, Frank C. Burt 20230 Sherwood, Detroit 34		TW. 3-1254
NATIONAL FIREPROOFING CORPORATION NATCO CORPORATION Walter R. Sherman, Albert R. White 2842 W. Grand Blvd., Detroit 2		TR. 3-0310
OTIS ELEVATOR COMPANY Harry E. Fritzam, J. H. Ockun 950 W. Fort Street, Detroit		WO. 2-4320
OWENS-CORNING FIBERGLAS CORPORATION John J. Hartnett, Wright Hitt 516 New Center Building, Detroit 2		TR. 3-4400
PHILIP CAREY MANUFACTURING COMPANY Ralph J. Roach 6197 Hamilton Avenue, Detroit		TR. 5-4680
PITTSBURGH-CORNING CORPORATION John F. Finn 3111 Garden Avenue, Royal Oak		LI. 3-3387
PITTSBURGH PLATE GLASS COMPANY G. Frederick Muller, Ross T. Griffith, R. A. Wilson 6045 John C. Lodge Expressway, Detroit 2		TR. 2-4500
RAMSET FASTENERS, INC. B. G. Kuiper 2980 W. Davison, Detroit		TO. 9-7600
REYNOLDS METALS COMPANY W. Scott Jenkins 1010 Fisher Building, Detroit		TR. 1-8800
ROBERTSON, H. H. COMPANY Wm. B. Commons, L. R. Hendrickson, C. E. Keaton 635 New Center Building, Detroit		TR. 2-2554
ROLSCREEN COMPANY ALLIED HOME EQUIPMENT COMPANY Leon A. Watson, Ed. Watson 12503 Grand River, Detroit		WE. 3-5189
R. O. W. SALES Cy M. Nancekivell 216 E. Harrison Street, Royal Oak Ralph E. Lineberger 516 N. Blair Avenue, Royal Oak		JO. 4-6593 LI. 3-9251
SANEY METAL PRODUCTS COMPANY R. E. LEGGETTE COMPANY L. E. Sawitzky, D. F. Johnson 9335 St. Stephens, Dearborn		LU. 4-2000
SPARTA CERAMIC COMPANY R. C. Faulwetter 1136 Book Building, Detroit 26		WO. 1-8666
SPENCER TURBINE COMPANY R. B. Richardson, R. B. Richardson, Jr. 4550 Boston, Detroit		TE. 4-8300
STRUCTURAL CLAY PRODUCTS INSTITUTE Frank G. Sander 2671 Ewald Circle, Detroit 4		WE. 5-2433
TRUSCON STEEL DIVISION REPUBLIC STEEL CORPORATION Clyde T. Oakley, Roy Smith 615 Wayne, Detroit 26		WO. 1-3830
UNISTRUT DETROIT SERVICE COMPANY W. A. Snure, D. T. Kingman 4045 Second Street, Wayne		Wayne 3588
UNITED STATES PLYWOOD CORPORATION W. G. Sandrock, Robert J. Linneburg 6845 Dix, Detroit		VI. 3-1200
UNITED STATES QUARRY TILE COMPANY R. C. Faulwetter 1136 Book Building, Detroit 26 R. C. Faulwetter 217 Fourth Street, N. E., Canton 2, Ohio		WO. 1-8666 WO. 1-8666
VERMONT MARBLE COMPANY DETROIT MARBLE COMPANY D. L. Granger, R. Zander 9128 Woodward, Detroit 2		TR. 3-9553
WAKEFIELD, F. W. BRASS COMPANY CARROLL SALES COMPANY Thomas G. Carroll, A. R. Henson, Jack T. Parks 1565 Oakman, Detroit 6		TO. 8-4088
WESTINGHOUSE ELECTRIC CORPORATION C. E. Webb, B. K. Paget 5757 Trumbull Avenue, Detroit		TR. 2-7010
ZONOLITE COMPANY Charles E. Kleinbrook, Dayton L. Prouty 14300 Henn Avenue, Detroit		TI. 6-1010
ZURN, J. A., MANUFACTURING COMPANY MULCAHY & COLLINS W. F. Mulcahy, R. J. Collins 405 Donovan Building 200 Ionia, N. W., Grand Rapids 2		WO. 1-8782 8-1173
— HONORARY MEMBER — W. A. CORY 1501 Pennistone, Birmingham		Midwest 4-2332

in memoriam

Carlton P. Campbell, February 10, 1953

C. Howard Crane, August 14, 1952

Louis Kamper, February 24, 1953

Hugh T. Millar, November 13, 1952

J. L. Murphy, January 12, 1953

Fred Potz, December 8, 1952

Edward A. Schilling, September 9, 1952

Ernest H. Trysell, February 5, 1953

Bernard C. Wetzel, July 12, 1952

Louis Kamper

Louis Kamper, A.I.A., died in his home City of Detroit on February 24 at the age of 91.

Perhaps more than any other he was responsible for the character of Detroit's downtown architecture, having designed the Book Building, Tower and Garage, Book-Cadillac Hotel (now Sheraton-Cadillac), Washington Boulevard Building, Industrial Bank Building, Real Estate Ex-

change (now Cadillac Square Building), Water Board Building, Savoy Hotel (now Detroit), several hotels along Park Avenue, parts of Herman Kiefer and Providence Hospitals, and many other structures in Detroit and other cities.

At its 37th annual convention the Michigan Society of Architects made Mr. Kamper an honorary member. The certificate was presented to him at his home on his 90th birthday, March 11, 1951.

We expect to have in a future issue an appraisal and appreciation of Mr. Kamper and his work, by Prof. Emil Lorch, F.A.I.A.

Ernest H. Trysell

Ernest H. Trysell, A.I.A., member of the Detroit Chapter, The American Institute of Architects, died February 5 at the age of 60.

Mr. Trysell was born in New York City on February 21, 1892. He was educated in Detroit schools and at the University of Michigan where he received his B. S. in Architecture in 1917. After a year and a half in Europe, he was registered as an architect in Michigan in 1919. He also was registered as an engineer.

The deceased was a past president of the Swedish Engineering Society of Detroit, and past treasurer of the Michigan Society of Architects. His other affiliations included National Society of Professional Engineers, its Michigan Chapter, and Tau Sigma Delta, national honorary society of architecture and allied arts, of which he had been secretary-treasurer.

At the time of his death he was associate architectural engineer with the Detroit Board of Education, with which office he had been for the past 17 years.

Surviving are his wife, Margaret, and a daughter, Mrs. Marjorie Sample, of Rock Island, Ill.

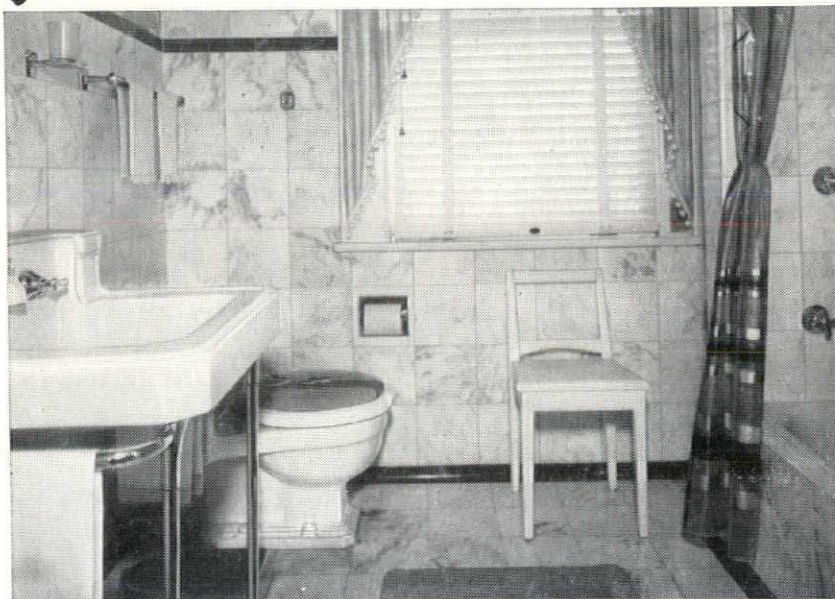
The family home is at 14424 Longacre in Detroit.

Carlton P. Campbell

Carlton Paul Campbell, A.I.A., 47, of Wyandotte, Mich., died suddenly of a heart attack on February 10.

Mr. Campbell was born in Kalamazoo, Mich., on March 18, 1905. A graduate of International Correspondence School, he also studied at the Beaux Arts Institute of Design, and Thumb Tack Club Atelier. He had been employed by Billingham & Cobb; Smith, Hinchman & Grylls; O'dell & Diehl, Stewart & Kingscott, and Great Lakes Steel Corp. At the time of his death he was practicing at 2903 Biddle Ave., Wyandotte.

Genuine Marble WALL AND FLOOR TILE



Mrs. Dale Starbuck's Residence, Raleigh, N. C.
W. H. Deitrick, Architect



TRADEMARK REG. U. S. PAT. OFF.

THE MARBLE TILE

"There is no substitute for marble"

Why consider "marbleized" materials when genuine marble is available in standard tile sizes. Markwa is supplied in $\frac{1}{2}$ " thickness with sizes from 8" x 8" up to 12" x 16".

In no other material can you obtain the beauty of nature's colors and markings found in marble.

Markwa should be included under tile specifications. It is sold through and installed by Tile contractors.

• • •

For complete information and suggested specifications, see our Markwa folder in Sweets or write to our Main office.

COLOR • CHARACTER • PERMANENCE • LOW MAINTENANCE

crystalline VERMONT MARBLE

VERMONT MARBLE COMPANY • PROCTOR, VERMONT

Branch Offices

Boston • Chicago • Cleveland • Dallas • Houston • Philadelphia • Los Angeles • New York • San Francisco
In Canada: Ontario Marble Company, Ltd., Peterboro, Ontario and Toronto, Ontario
Brooks Marble & Tile Company, Ltd., Toronto, Ontario





Hudson Motor Car Co. General Offices

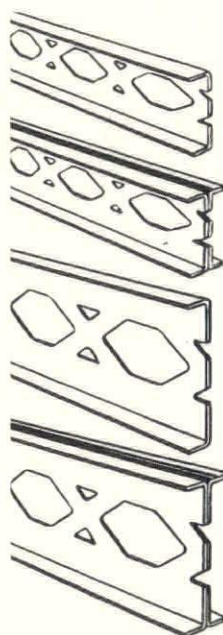
KAUFMANN CORP.

equipped with
KAUFMANN

**ALUMINUM HEAVY DUTY
SCREENS**

IDEAL FOR NEW AND
REPLACEMENT ON OFFICE
FACTORY AND INSTITUTIONAL
BUILDINGS

17210 GABLE . . . TW. 3--2000
DETROIT 12, MICHIGAN



STUD
3 1/4" and 4"
16 and 14
gauge

**DOUBLE
STUD**
3 1/4" and 4"
16 and 14
gauge

JOIST
6" and 8"
16 and 14
gauge

**DOUBLE
JOIST**
6" and 8"
16 and 14
gauge

**PENMETAL LIGHTSTEEL STRUCTURAL SEC-
TIONS MAKE STEEL FRAMES PRACTICAL FOR
SMALLER BUILDINGS**

Lightsteel sections bring all the strength and other benefits of steel — yet the cost is low. Architects and Engineers are adopting Lightsteel sections for homes, apartments, schools, stores, churches, and other buildings in the light construction field. The new sections are perfect for curtain wall construction in skyscrapers and large industrial buildings.



Catalogs upon request.
PENN METAL COMPANY, Inc.
120 Madison Avenue ; Detroit 26, Michigan
Phone Woodward 1-3211

The Contracting Plasterers' Association of Detroit

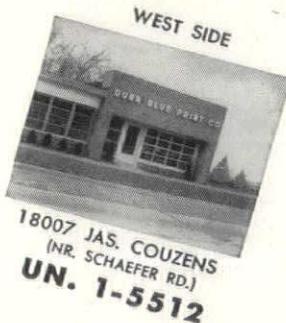
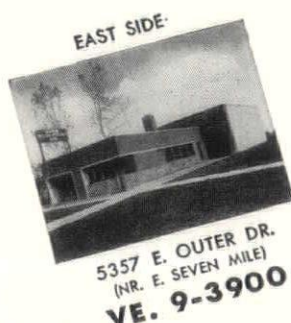
Please Note New Address

611 Park Ave. Bldg.
Woodward 1-2493



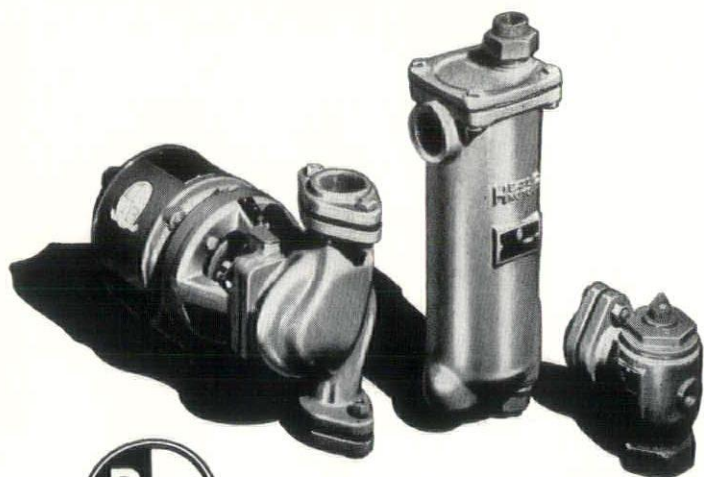
For beautiful interior decoration there is nothing comparable to Monolithic fire resistant plaster. As a safeguard against interior fire hazards, plaster has no equal.

- | | |
|--|------------|
| MUNRO AIRD
1274 W. Forest Avenue | TE. 1-8667 |
| ALBERT BEEVER
612 Park Ave. Bldg. | WO. 5-0412 |
| SAM COMITO & SON
9642 Georgia Avenue | WA. 1-7206 |
| SAMUEL DICKMAN & SON
6432 Cass Avenue | TR. 5-9100 |
| DONALD R. GRAHAM
20904 West McNichols Rd. | KE. 3-4232 |
| SYDNEY JONES COMPANY
325 Chalfonte, Grosse Pointe, TU. | 1-2155 |
| JOHN McKENNA
29798 Linden Avenue, Farmington Farm. | 2410 |
| McNULTY BROS. COMPANY
516 Murphy Building | WO. 1-8621 |
| W. C. ROHRMOSER
921 Fox Building | WO. 2-8274 |
| RUSSELL PLASTERING CO.
3300 E. Warren Ave. | WA. 1-0679 |
| MICHAEL A. SANTORO
6730 E. McNichols Road | TW. 3-2500 |
| SERVICE ART PLASTERING CO.
4612 Woodward Avenue | TE. 3-9013 |
| WILSON BROS. PLASTERING CO.
19162 Kentucky Avenue | UN. 2-9168 |
| ARCHIE YOUNG
12322 Cheyenne Avenue | WE. 3-7279 |



DUNN BLUE PRINT CO.

PROMPT PICK UP AND DELIVERY SERVICE



**Hydro-Flo
PRODUCTS**

Everything for Forced Hot Water Heating

You benefit in two ways when you concentrate your purchases on Bell & Gossett **Hydro-Flo** Products. First, by a line of products recognized for their superiority of design and workmanship. Second, by utilizing a single source of supply which eliminates time-wasting shopping and gives you a completely integrated installation with one manufacturer's guarantee.

Distributed by

R. L. DEPPMANN COMPANY

DETROIT

GRAND RAPIDS

LINCOLN BRICK company

michigan's largest
manufacturer & distributor
of

**face brick &
glazed facing tile**

WE BELIEVE OUR ABILITY TO SERVE AND OUR
RECORD OF SERVICE ARE UNEXCELLED.

grand rapids, mich.

LIGHTING

POWER

W. D. GALE, Inc.

ELECTRICAL CONTRACTORS

EST. 1908

TEexas 4-2300

DETROIT

PAGEL'S

INCORPORATED

Photo Engravers

for

Monthly Bulletin

641 MONROE AVENUE

DETROIT 26, MICHIGAN

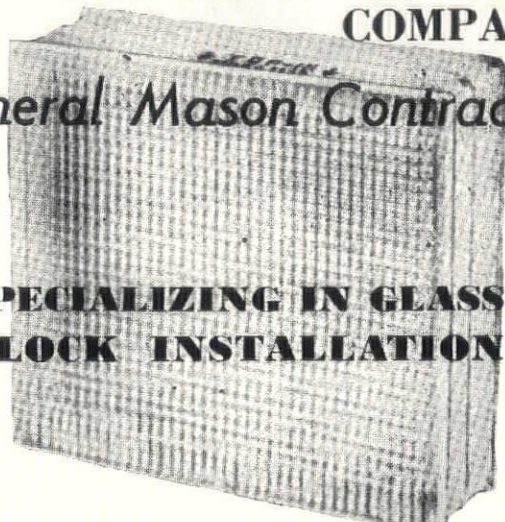
WO. 1-0472 — 1-9239

G. FORTE

COMPANY

General Mason Contractor

**SPECIALIZING IN GLASS
BLOCK INSTALLATION**



**3692 WAYBURN
DETROIT, MICH.
TUXEDO 2-2197**

New — Practical — Time-Saving . . .



STREAMLINED SPECIFICATIONS STANDARDS

Volume I by BEN JOHN SMALL, A. I. A.
(Architectural)

Here is the most valuable time-saver ever published for the architectural specifying team! Uniquely designed in three handy, easy-to-detach pads, this volume contains all the specifications necessary for the contract, site work, carpentry and other structural work, masonry, weather protection, metal work and finishing of a building. All are grouped into 63 alphabetically arranged sections, are numbered for quick reference or separate filing, and are printed on only one side of a page in double-spaced elite typewriter type. Nowhere else will you find these amazing streamlined specifications in such easy-to-use form!

1952, 1000 SHEETS — 3 8½x11" PADS, \$20.00

Order your copy directly from

MONTHLY BULLETIN

120 Madison Avenue

Detroit 26, Michigan

DURAKO PAINT

was used on the

CHEVROLET MANUFACTURING
ADDITION
TONOWANDA, NEW YORK

*H. E. Beyster & Assoc., Inc., Detroit, Mich.
Architects*

*Couper Cons'l. Co., Buffalo, N. Y.
General Contractors*

*Theodore Stay & Sons, Syracuse, N. Y.
Painting Contractors*

DURAKO PAINT AND COLOR CORPORATION, DETROIT, MICH.



SOIL INVESTIGATIONS

FOUNDATIONS

HEAVY CONSTRUCTION

LINING PIPES WITH CEMENT MORTAR
(Centriline and Tate Processes)

RAYMOND CONCRETE PILE COMPANY

140 Cedar Street, New York 6, N. Y.

LINTON HART, DISTRICT MANAGER

7430 Second Avenue, Detroit 2, Michigan

TRinity 1-3600

Offices in Other Principal Cities in the United States

Brooker Electric

COMPANY, INC.

ELECTRICAL CONTRACTORS

962 EAST CONGRESS ST.
DETROIT 7, MICH.

MC DONNELL BROTHERS, INC.

REPRESENTING KERRIGAN IRON WORKS, INC.

Steel Gratings Stair Treads

3930 LONYO RD., DETROIT 10

LU. 1-4550

MEMBER



MARBLE INSTITUTE OF AMERICA, INC.

WOLVERINE MARBLE CO.

DOMESTIC & IMPORTED MARBLES FOR ALL FINE BUILDING PROJECTS

SERVICE
SINCE
1923

OFFICE & FACTORY
14269 FLEMING AVE.
AT DET. T.R.R.
DETROIT 12, MICHIGAN
TOWNSEND 8-7113

J. LIVINGSTON & COMPANY

ELECTRICAL CONTRACTORS



NOW IN NEW AND LARGER QUARTERS
13,800 CONANT AVE., DETROIT 12, MICH.
TWINBROOK 2-4743

OUR MODUS OPERANDI

Means Gain And Satisfaction, For You

At our Alpena Mill, the Huron Portland Cement Company produces quality cement products of the finest ingredients from its quarries, laboratories and kilns.

All this, combined with years supplying experienced architects and contractors with the know-how of masonry is your guarantee of constant satisfaction.

On this principle of excellence you are always assured the finest for your projects and of having the confidence of accomplishing a job "well done."



HURON PORTLAND CEMENT CO.

GENERAL OFFICES: FORD BUILDING, DETROIT 26, MICHIGAN

Michigan Plants: Alpena - Muskegon - Saginaw - Wyandotte - Detroit



B & L Electric Company

ELECTRICAL CONTRACTORS

ENGINEERING & CONSTRUCTION

18424 Fitzpatrick Ave.
Detroit 28, Michigan
Vermont 7-3800

GLASSLATE INC., Youngstown, Ohio announces the purchase of the complete assets and inventory of the Glassboard of Canfield, Ohio and will continue to manufacture premium chalkboard and corkboard for schools, churches and industry. Address all inquiries to

GLASSLATE INC.
5150 HOPKINS ROAD
YOUNGSTOWN, OHIO

CENTURY BRICK COMPANY

face brick

norman - roman and standard size - pc glass block - chem brick

for beauty and permanence

better brick builds better buildings

14900 LINWOOD AVENUE, DETROIT 21, MICHIGAN

UNiversity 1-8200

FIRESIDE PRINTING & PUBLISHING COMPANY

MAGAZINE
AND
PROGRAM
SPECIALISTS

4728 ST. AUBIN AVENUE
DETROIT 7, MICHIGAN
TEMPLE 2-4900



HOTEL TULLER

First thing to do in Detroit is check in at Hotel Tuller! You'll enjoy every minute. Newly modernized. Beautifully decorated. Within walking distance of all downtown stores, theatres and business activities . . . yet, you enjoy the ever-green atmosphere of Grand Circus Park . . . The Tuller Coffee Shop or Cafeteria for excellent food modestly priced.

COCKTAIL
LOUNGE
ONE OF
DETROIT'S
FINEST

Harry E. Paulsen,
General Manager

800 ROOMS
With Bath From **\$350**

DETROIT

"So That's How You Do It!"

In the past 30 years,
how many times have you
said this to a

HARTY representative
when he told you the
HARTY way of doing it?

When you want to know
the latest and best
way of doing a door job,
call **TOwnsend 8-6990**,
and we will get a man out
to show you the **HARTY** way.

WHERE DEPENDABILITY IS PARAMOUNT,
SPECIFY **HARTY** DOORS

R. V. HARTY COMPANY
INCORPORATED

1433 Sloman Avenue, Detroit 11, Michigan
TOwnsend 8-6990

DIRECT FACTORY REPRESENTATIVES

EMPIRE EMERY CORPORATION

EMERUNDUM GRITS for monolithic cement finish
EMERUNDUM Aggregates for separate cement finish

GOLDSMITH METAL LATH COMPANY

METRODECK metal roof decking, harrow or wide rib
Metal Lath and accessories
SHUREBOND unit system of concrete joist construction

K-M BUILDING PRODUCTS CO.

K-M furring anchors
K-M brick ties

SAFE TREAD COMPANY

Abrasive metal safety treads and flooring
Ship ladders (abrasive)
Spiral stairs (abrasive)

MASTERCRAFT ART MARBLE COMPANY

Art Marble (Precast Terrazzo) treads and steps
Precast non-slip factory treads
Art Marble window stools — shower receptors, etc.

SERVICISED PRODUCTS CORPORATION

Expansion joint fillers of asphalt, cork, rubber, fibre and Kork-Pak.
Expansion joint sealer (PARA-PLASTIC) (Jet Fuel Resistant Para-Plastic)
Extruded and moulded rubber waterstops
Pre-moulded Para-Plastic strips, para-lateral.
Asphalt Plank for industrial floors
Asphalt roofing cant-strip
Tongue and groove joint material for pavement
Corrugated closure strips for corrugated asbestos, metal and glass
Servicised Rubber and abrasive safety Treads and flooring
Caulk-crete — rubber content caulking compound

Originators and marketers of **WEATHERTITE CONTROL JOINT FILLER**. For concrete masonry walls, and **EVERLASTIC** masonry gaskets for copings, etc.

LLOYD H. WILLIAMS

WILLIAMS EQUIPMENT & SUPPLY CO.

16651 BAYLIS AVE. UN. 4-0909 DETROIT 21, MICH.

DISTRIBUTORS OF QUALITY

Power Plant Equipment



Fans — Unit Heaters — Air Washers — Pumps —
Cooling Towers — Ash Handling Systems — Boiler
Feed Regulators — Coal Scales — Soot Blowers —
Boiler Controls — Hot Water Heaters — Steel Heat-
ing Boilers — Vacuum Heating Pumps — Heating
Systems with Zone Controls — Heating Specialties
— Automatic Solenoid Valves — Float Valves — In-
sulation Products — Air Filters — Stokers — Steam
Traps — Regulators — Recorders — Welding Fit-
tings — Valves of all types and for every purpose.

The Coon-DeVisser Co.

2051 W. Lafayette
Detroit 16, Michigan
T Ashmoo 5-6000

HICKEY, SHAW & WINKLER, INC.

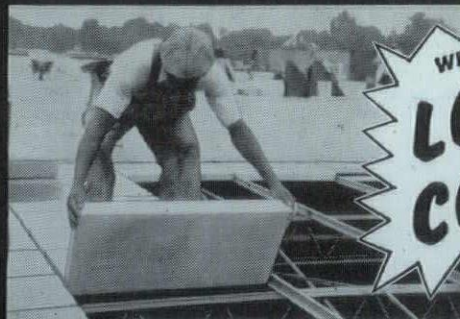
PLUMBING & HEATING
AND
POWER PLANT
INSTALLATIONS
VENTILATING
AND
AIR CONDITIONING

14855 Ward Avenue, Detroit 27, Michigan
Vermont 8-0500

Amazing Lightweight

ROOF TILE

Combines Insulation, Fire Safety



WITH
**LOW
COST!**

Zonatile®

**PRE-CAST
INSULATING
ROOF SLABS**

Now! A lightweight, short-span, concrete roof tile developed for installation over bar joists and bulb tees. Made with Zonolite Vermiculite, 100% fireproof. ZONATILE will not burn, rot or decompose. Forms roof deck with built-in insulation in one application... *reducing costs!* In 3 and 4 foot lengths. Write today.

FREE BOOKLET!

Zonolite Company, Dept. MSA-43
14300 Henn Ave., Dearborn, Mich.
Please rush free ZONATILE Booklet
with full details about this low-cost
roof slab.

Name.....

Address.....

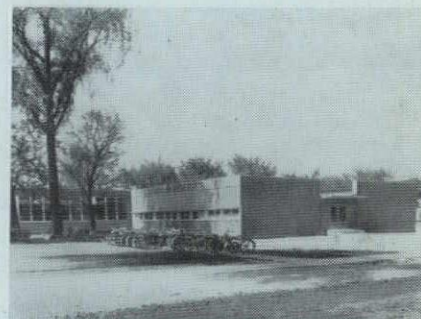
City.....State.....

before selecting BRICK or TILE

See what STEVENS Offers

Visit our showroom or phone for Stevens Vitrified Face Brick and Stevens Structural Glazed and Unglazed Facing Tile.

Our complete line includes: Face Brick in every color and texture — Glazed Brick — Terra Cotta — Paving Brick and Stevens Structural Glazed and Unglazed Facing Floor Brick and Quarry Tile — Acid Brick — Anti-Hydro Waterproofing — Chem Brick.



Arno Elementary School Addition

Brick and tile furnished by
Frederic B. Stevens, Inc.

FREDERIC B. STEVENS INC.

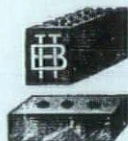
1800 18th Street at West Vernor
DETROIT 16, MICHIGAN
Telephone TA. 5-0725

Thomas Brick & Tile Co.

14360 Livernois Ave.
Detroit 4, Michigan

FACE BRICK — GLAZED
BRICK — PAVING
BRICK — ACID BRICK
— REFRACTORY BRICK
AND CEMENTS — CUP-
PLES ALUMINUM WIN-
DOWS — WARE ALUM-
INUM WINDOWS

Est. 1896



Telephone

TOwnsend 8-1354

if you are thorough—
you are represented here

JOBS IN JANUARY

- Grosse Pointe Park Housing Development
- Detroit, Ferguson Assembly Plant Add.
- St. Clair Shores Elmwood School
- St. Clair Shores Avalon School
- Mt. Clemens Lutheran School
- Detroit Christ the King Church
- Detroit Plant Add. McLoth Steel
- Dearborn Sacred Heart Auditorium
- Pontiac, St. Benedict's Parish
- Detroit, St. Gabriel's Church
- Port Huron, St. Joseph Mercy Hospital
- Bloomfield, Kingsley Inn.

MICHIGAN DRILLING CO.

13911 Prairie Avenue, Detroit 4, Michigan

NEON *and* METAL LETTERS
Lona SIGN CO.
6209 HAMILTON AVE.
DETROIT 2, MICH.

PORCELAIN • STAINLESS • ALUMINUM

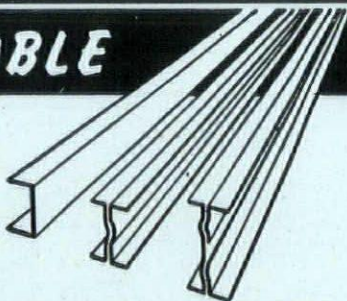
THE
JOHN H. BUSBY
C O M P A N Y

ELECTRICAL
CONTRACTORS

826 Cherry Street
Detroit 1, Mich.
WOodward 1-1681

NOW AVAILABLE

**STRAN
STEEL**



**NAILABLE JOISTS
AND LIGHT BEAMS**

Lighter in weight than hot-rolled beams of
equal depth • Nailable for simple assembly

LA SALLE SUPPLY CORPORATION

STEEL FABRICATING DIVISION

6370 E. Davison, Detroit 12

TW. 1-7060

Stran Steel framing is a building product of Great Lakes Steel Corporation



SUGGESTED USES—

Light trusses for pitched roofs or
flat roofs . . . purlins . . . girts . . . interior partition studs . . .
tool crib framing . . . shelving supports . . . loading platforms . . .
suspended ceiling framing . . . miscellaneous sheds . . . mezzanine
floors . . . interior structures within industrial
buildings . . . drying kilns . . . ventilating system
framing . . . duct work framing and supports.



JOHN H. FREEMAN COMPANY

DISTRIBUTORS

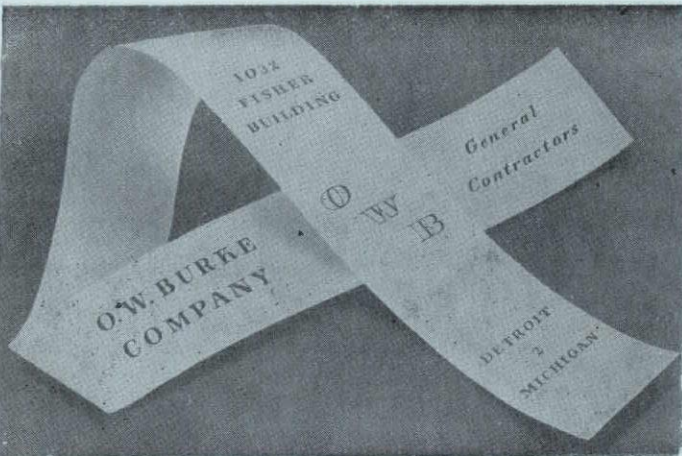
*Builders' Hardware
Contractors' Supplies*

3627 CASS AT BRAINARD
DETROIT 1, MICHIGAN
TEMPLE 1-6760

GIBRALTAR FLOORS, INC.

Tile & Terrazzo
Quarry Tile

48 W. STATE FAIR AVE.
DETROIT 3, MICHIGAN
FOREST 6-0100



On Top Since '79
J. D. Candler
ROOFING COMPANY, INC.
551 E. VERNOR HWY. • DETROIT
D. W. CANDLER • DR. C. L. CANDLER

ROOFING AND
SHEET METAL
WORK
INDUSTRIAL AND
RESIDENTIAL
NEW ROOFS —
ASPHALT
SHINGLES
COMPLETE
ROOFING AND
SHEET METAL
REPAIRS FOR
OVER 72 YEARS



davis brothers, inc.

plumbing, heating and power piping contractors
2631 bagley avenue, detroit 16, michigan

tashmoo 5-2552

moynahan bronze co., inc.

**ORNAMENTAL
METALS**

flat rock, mich., du. 2-3234 • detroit office, 9545 grand river, te. 4-2198

R. L. SPITZLEY HEATING CO., Incorporated

SPITZLEY RETTENMIER SHEET METAL CO., SUBSIDIARY

1200 FORT ST. WEST, DETROIT 26, MICHIGAN • WOODWARD 1-0840

HEATING
PLUMBING
INDUSTRIAL PIPING
AIR CONDITIONING
VENTILATING
PIPE & SHEET METAL
FABRICATION

For over half a century Detroit's quality roofer

Robert Hutton & Co. Inc.

ROOFING AND SHEET METAL CONTRACTORS

622 FORT ST. E. • DETROIT 26 • WOODWARD 2-1073

JOHNS-MANVILLE PRODUCTS

ALUMINUM AND ARCHITECTURAL METALS CO.



MISCELLANEOUS IRON AND ORNAMENTAL METAL WORK
ALUMINUM, BRONZE, AND STAINLESS STEEL
STEEL STAIRS

1974 Franklin Street, Detroit 7, Michigan • LORAIN 7-6880

GENERAL CONSTRUCTION - BUILDING ALTERATIONS - DEMOLITION - FOUNDATIONS
PRESS ERECTING - MACHINERY MOVING - CRANE AND CONVEYOR INSTALLATIONS
PROCESS WIRING & PIPING - WAREHOUSING - STEEL FABRICATION - EXPORT PACKAGING



COMMERCIAL CONTRACTING CORPORATION • General Contractors

12160 CLOVERDALE • DETROIT 4, MICHIGAN • TEXAS 4-7400

• SINCE 1884 •

RESTRICK

LUMBER COMPANY

14400 WYOMING WE. 3-4830
Detroit 21, Michigan



F. M. SIBLEY
LUMBER CO.
LO. 7-5100

6460 Kercheval Avenue
Detroit 14, Mich.

Wm. F. Back

LUMBER CO. 5172 ST. JEAN AVENUE

DETROIT 13, MICHIGAN WA 1-9460

GRACE HARB
Lumber Con

13833 West Chicago
DETROIT 28, MICH.

ESTABLISHED
WE 3-4

William Beyster, Inc.

IMPORTED & DOMESTIC LUMBER
CUSTOM MILLWORK



Telephone
WALNUT 1-3029

2905 BEAUFAIT AVENUE
DETROIT 7, MICHIGAN, U. S. A.

Genuine California Redwood

COMPLETE INVENTORY IN STOCK
WHOLESALE AND RETAIL

{ 4/4, 5/4, 6/4 & 8/4 thick — 4" to 24" wide — Kiln Dried
12/4 & 16/4 thick Tank Grade — Air Dried

GYPSUM CONSTRUCTORS, INC.

5905 MIDDLEBELT ROAD

GARDEN CITY, MICH.

MIDDLEBELT 5513

GYPSUM ROOF DECKS — POURED & PRE-CAST

FAST DEPENDABLE SERVICE

DARIN & ARMSTRONG, INC.

General Contractors



DETROIT 3, MICHIGAN

THE DUNN - RAINEY COMPANY

Manufacturers

"DURA-GLAZE" ELASTIC GLAZING COMPOUNDS

"DURA-SEAL" ELASTIC CAULKING COMPOUNDS

METAL AND WOOD SASH PUTTY

4461 W. Jefferson Ave.

Detroit 9, Michigan

Telephone TA. 5-7156

F. H. MARTIN CONSTRUCTION CO.

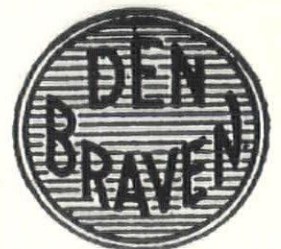
955 E. JEFFERSON AVE. DETROIT 7, MICHIGAN

WOODWARD 1-4890

M. DEN BRAVEN CO. established 1912

SHEET METAL
VENTILATING
AIR CONDITIONING

9080 ALPINE AVENUE
DETROIT 4, MICHIGAN
WE. 3-7494-5-6





HANLEY COMPANY

Established 1893

LARGEST MANUFACTURERS
OF GLAZED AND FACE BRICK
IN THE EAST

[Capacity 7,000,000 Units Per Mo.]

FACE BRICK
GLAZED BRICK
ACID BRICK
UNGLAZED FACING TILE
GLAZED FACING TILE
QUARRY TILE
FLOOR BRICK

E. F. Zerga, Mgr.
14523 SCHAEFER HWY., DETROIT 27
VERmont 7-3200



B Roadway 3-2500

WALTER L. COUSE & CO.

Engineers & Contractors

12740 LYNDON AVENUE
DETROIT 27, MICHIGAN

Heineman & Lovett Co.

WATERPROOFING
ENGINEERS AND
CONTRACTORS

GENUINE
RON BOND
SYSTEMS

For Basements, Pools, Tanks
And Other Sub Structures

HI-TEX
CEMENT
COATINGS

Restoring Concrete & Masonry
Super Structures, Cement Coating
For Waterproofing & Decoration

5327 Tireman Ave.
Detroit 4, Michigan
TYler 6-1226

Ray T. Lyons Co.

'Our 24th Year'

Distributors

LUDMAN Aluminum Windows &
Jalousies

MIAMI Medicine Cabinets,
Mirrors & Accessories

BROAN Ventilating Fans &
Electric Heaters

WASCO Copper Flashings

WASCOLITE Plexiglas Skylights

KITCHEN-MAID Kitchen Cabinets

PENNSYLVANIA, NEW YORK
Flagstone

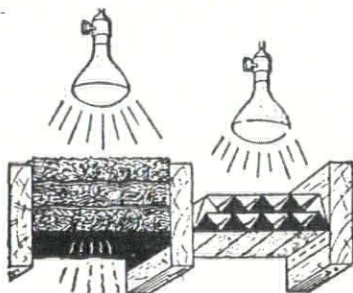
VERMONT Colored Slate Roofing
& Floors

CRAB ORCHARD Tennessee
Stone

LANNON-WISCONSIN
Veneer Stone

2457 WOODWARD AVENUE
DETROIT, MICHIGAN
WO. 3-7418 • WO. 3-7419

INFRA ALUMINUM ACCORDION INSULATION



3 Semi-Thick Batts
WARM

Type 6 Infra
COLD

TYPE 6 EQUALS
4 3/5" OF ROCKWOOL
Upward Heat Flow (Winter)
9" ROCKWOOL
Downward Heat Flow (Summer)
5 5/16" ROCKWOOL
Wall Heat Flow

INVESTIGATE BEFORE
YOU INSULATE

Reflective Insulation Co.

2783 EAST GRAND BLVD.
DETROIT 11, MICH.
TRinity 5-4220

H. H. Dickinson Company

COMPLETE
BUILDERS'
SUPPLIES

OFFICE:
5785 Hamilton Avenue

WAREHOUSE:
9940 Roselawn Avenue

PHONE:
WEBster 3-6263

POST OFFICE BOX:
#218 - Detroit 2, Michigan

Nelson Company

PLUMBING
HEATING &
AIR CONDITIONING
SUPPLIES

WHOLESALE

MAIN OFFICE
and
DISPLAY ROOM

2604 Fourth Ave., Detroit 1
WOodward 2-4160

ROYAL OAK
GROSSE POINTE
ANN ARBOR

*“depend on
a dependable
name”*

JOHN A. MERCIER BRICK COMPANY

3895 Roulo Ave., Dearborn
VI. 1-0761

Manufacturer and Distributor

Mercrete
SLAG BLOCK
Lighter in Weight
SLAG BRICK
Lighter in Color

QUALITY FACE BRICK

*“specify
the best”*

**underground
construction**

Electric Conduits
Water Mains
Sewer Tunnels

geo.a. odien inc.

1935 McGRAW AVE.
DETROIT 8, MICH.

TYler 4-0100

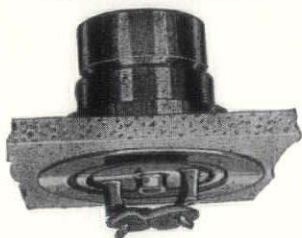
VIKING SPRINKLER COMPANY

Manufacturers and Contractors

UNDERWRITER APPROVED "VIKING"
DEVICES FOR MORE POSITIVE PRO-
TECTION AGAINST FIRE LOSS

This new Flush Sprinkler is available
where appearance is important. It is
modern, efficient fire protection for
today's offices, display rooms and lo-
cations of ultra design.

*Let us show you these
modern installations*



4612 Woodward Ave., Detroit 1
TE. 1-9604

315 Allen St., N. W.,
Grand Rapids 4
Tel. 9-6341

Winkworth Fuel & Supply Company

Sand
Gravel
Cement
Plastering Materials
And
Transit Mixed Concrete

8829 WEST JEFFERSON AVE.
DETROIT 17, MICHIGAN

VInewood 2-4000

Maurice V. Rogers Company

GENERAL
CONSTRUCTION

CUSTOM RESIDENTIAL
COMMERCIAL BUILDING

UNiversity 3-3171
15849 WYOMING AVE.
DETROIT 21, MICHIGAN



Campbell LETTER Shop

QUALITY LEADERS

W O O d w a r d 1-1344

QUICK ONE DAY SERVICE SPECIFICATIONS

We ditto — mimeograph — multilith specifications — we'll supply all materials — you type and proof — we pick up, reproduce and deliver next day. Get our rates based on any quantities. If you wish, we will also type and proof your specifications.

608 MICHIGAN THEATRE BUILDING, DETROIT 26, MICHIGAN

Cooper Construction Company

GENERAL BUILDERS

572 Maccabees Building • Detroit 2, Michigan
TEmpLe 1-5375

Russell Plastering Company

Walnut 1-0679

Walnut 1-6946

3300 E. Warren Avenue • Detroit 7, Michigan

Bruny Brothers

INCORPORATED

TILE AND TERRAZZO

STATIC DRAINING CONDUCTIVE FLOOR
CONTRACTORS

4758 GRAND RIVER
DETROIT 8, MICHIGAN
TYLER 6-6019

Good for a Lifetime!

GLASIRON

ARCHITECTURAL PORCELAIN ENAMEL

- STORE FRONTS
- CURTAIN WALLS
- AWNING HOODS
- SHINGLES
- COPINGS
- SIGNS

WOLVERINE PORCELAIN ENAMELING CO.

3350 Scotten Avenue • Detroit 10, Michigan

We are carrying in stock

PERIMETER INSULATION

(Foundation and Slab Edge Insulation)

ALFOL INSULATION

(Multiple Layer Aluminum Foil Blanket)

HYDROMENT

(For Better Concrete, Brick, and Tile Floors)

C.L. HOLMES co.

VERmont
8-1008

INSULATING ENGINEERS

12891 Artesian, Detroit 23, Mich.

ALL TYPES OF INSULATION SOLD AND APPLIED

Boosey

NO. 1205 SERIES
LOCKER ROOM &
SHOWER DRAINS



Here's a durable, waterproof double drainage drain for showers and floor areas. Special clamping ring eliminates bolt holes through flashing — adjustable strainer heads — continuous seepage grooves provide more secondary seepage area — adjustable tailpieces are threaded standard iron pipe sizes to provide easy adjustment to standard floor thicknesses. Get complete details on this and other Boosey products. Write today.

SEND FOR COMPLETE BOOSEY CATALOG

NORMAN BOOSEY MFG. CO.

GENERAL SALES OFFICE • 5281 AVERY AVE. • DETROIT 8, MICH.
Corner Kirby Ave. Phone TYler 7-6117

THE MOSAIC TILE COMPANY OF ZANESVILLE, OHIO

*Visit an Architect's
MUST
for clay tile ideas*

Special Architects Showroom:

20230 Sherwood, Detroit 34

TWinbrook 3-1254



Dependable Since 1873

BROWN & RAISCH CO.

17125-27 VAN DYKE AVENUE, DETROIT 34
TWINBROOK 2-6200

DESIGNERS
MANUFACTURERS
DISTRIBUTORS

Building Granite
Job Site Granite Cutting
Cast Bronze & Aluminum
Letters and Tablets
Stainless Steel Letters

WHEN YOU THINK OF TILE
— THINK OF MULARONI

A QUARTER CENTURY
IN TILE & TERRAZZO

Boston Tile & Terrazzo Co.

(HUMBERT MULARONI)

23740 Grand River Avenue
Detroit 19, Michigan
KENwood 1-1530

LATHING
PLASTERING
AND
ACOUSTICAL
TILE
CONTRACTORS

SERVICE ART PLASTERING COMPANY

4612 Woodward Ave., Detroit 1

ALBERT FICI
W. J. GOODSON

TEmpLe 3-9013

Hafke Brothers

Established 1896

Plumbing and Heating Contractors

3305 GRATIOT AVENUE
DETROIT 7, MICHIGAN
LORAIN 7-3100

TARNOW ELECTRIC SUPPLY CO.

WHOLESALE
ELECTRICAL
DISTRIBUTORS

45 E. Milwaukee Avenue, Detroit 2, Michigan
TRinity 4-1000

ACE SPRINKLER COMPANY

ENGINEERS AND CONTRACTORS

For Automatic Sprinkler Fire Protection
In Commercial & Industrial Properties

12125 CARDONI AVENUE
HIGHLAND PARK 3, MICH.
TULSA 3-0511

"IF IT'S WORTH BUILDING, IT'S WORTH SAVING"

LAPIDOLITH . . .
Patented Chemical Concrete Hardener

S. R. P. (SURE RUST PREVENTIVE) . . .
Rust Inhibitive Paint

HYDROCID MASTIC . . .
Waterproofing and Plaster Bond

L. SONNEBORN SONS, INC.

18911 James Couzens Highway
Detroit 35 • Diamond 1-0171

VENTILATING
AIR CONDITIONING
ENGINEERS
CONTRACTORS

J. Brodie & Son, Inc.

10,311 CAPITAL AVENUE
OAK PARK 37, MICHIGAN
JORDAN 4-5620

Turner-Brooks, Inc.

Floor Covering and Acoustical Contractors

9910-30 DEXTER BOULEVARD

DETROIT 6, MICHIGAN

TOwnsend 8-2470

OTTO H. SAUER CO.

General Building Contractors

Churches, Commercial, Custom Residential

5735 Rohns Avenue

Detroit 13, Michigan

WAlnut 1-3054

bent. young waterproofing co.

bituminous waterproofing
and dampproofing

TO. 9-3227

TO. 9-0047

427 W. SEVEN MILE ROAD, DETROIT 3, MICHIGAN

ENGINEERING • MATERIAL • INSTALLATION

N. W. Hamill Co.

Caulking
Tuck-Pointing
Weatherstrips

407 EAST FORT ST.
DETROIT 26
WOodward 1-0110

ATLANTIC METAL PRODUCTS, INC.
• Hollow Metal Doors & Frames
• Kalamein & Tinclad Doors

KANE MFG. CO.
• Light Proof Shades
VENTILOUVRE CO.
• Louvres

GENERAL LEAD CONSTRUCTION CO.
X-Ray Protection • Engineering
Fabrication • Installation

UNIVERSAL WINDOW CO.
Donovan Awning Type Windows

THE KAWNEER COMPANY
Institutional Entrances
Aluminum Flush Doors

M. H. WILKINS CO.

*Structural Steel and Steel Joists
Fabricated and Erected*

20501 HOOVER, DETROIT 5

LAkeview 6-1000

GYPSUM ROOF DECKS

Fireproof
Lightweight
Insulating

hoge-warren-zimmermann co.

E. C. HOGE — J. H. HOGE
5300 Vine St., Cincinnati 17, Ohio
Avon 5621

ALFRED W. WARREN
111 Washington St., Chicago 1, Illinois
State 2-8029

JOHN S. M. ZIMMERMANN
4500 E. Nevada Ave., Detroit 34, Mich.
TWinbrook 2-5421

HEATING
REFRIGERATION
AIR CONDITIONING



Mechanical Heat & Cold Inc.

12320 HAMILTON AVE., DETROIT 3

PHONE TO. 8-9600

REPRESENTING

- J. A. ZURN MFG. CO.
Zurn system for supporting wall type plumbing fixtures, floor & roof drains, greaseptors, solids interceptors, swimming pool equipment.
- CHICAGO FAUCET CO.
The Ultimate Faucet
- W. D. ALLEN MFG. CO.
Fire Protection Equipment
- IMPERIAL BRASS MFG. CO.
Watrous Flush Valves and Soap Dispensers

Mulcahy & Collins • Detroit • Grand Rapids

april '53 monthly bulletin

RAY W. COVEY

Registered PROFESSIONAL ENGINEER
STRUCTURAL ENGINEER

Structural
Engineering Service
Capable and Dependable

828 MICHIGAN BUILDING
DETROIT 26, MICHIGAN
WOODWARD 1-6143

Transit Mixed
Concrete
Face Brick
Sand and Gravel
Complete Line of
Building Supplies
and Agents for
Ceco Steel Sash

BOICE BUILDER'S SUPPLY

Manufacturers of Brick — Block — Concrete
545 TELEGRAPH ROAD PONTIAC 19, MICHIGAN
FEDERAL 5-8186

HAMILL

ELECTRIC COMPANY

Electrical Contracting Engineers

2921 EAST GRAND BOULEVARD
DETROIT, (2) MICH.

TRinity 1-2650

FREEMAN- DARLING CO.

GENERAL
BUILDERS

8120 W. McNichols Road
Detroit 21, Michigan
UNiversity 4-4788



ESTABLISHED 1901

R. E. LEGGETTE CO.

Celotex Acoustical Products
Corrulux-Reinforced Plastic Sheets
Sanymetal Toilet Partitions
Ra-Tox Doors

6425 W. Vernor Hwy., Detroit 9, Mich., Vlnewood 3-4060



PLUMBING DRAINAGE PRODUCTS

Floor, Shower and Roof Drains. Interceptors for Grease, Oil, Sediment and Hair. Backwater Valves. Shock Absorbers. Swimming Pool Fittings.

JOSAM MANUFACTURING CO. MICHIGAN CITY, INDIANA

District Representatives

Elmo G. Liddle

18925 Grand River Ave., Detroit—Phone: VE. 7-5312

James R. Thomas

1514 Wealthy St., Grand Rapids—Phone: GL. 4-2500

michigan society of architects

Michigan's Largest
Underground
Lawn Irrigation
Contractor

Complete Plan &
Specification
Service

A. J. Miller,
Civil Engineer

A. J. MILLER, Inc.

ESTABLISHED 1923

2337 W. McNichols Rd., Detroit 21 UN. 1-3393

In A Hurry??

LONG SPAN JOISTS

AT RAPID DELIVERY OUR SPECIALTY



STRUCTURAL

STEEL

AND

ERECTION

Arrow Steel Company

12115 Cloverdale Avenue
Detroit 4, Michigan
Webster 3-0026

N. MASON COMPANY

Building Restoration Engineers

- CONCRETE RESTORATION
- WATERPROOFING
- TUCK POINTING
- CAULKING
- WATER BLAST CLEANING
- SAND BLAST CLEANING
- BRUSH AND SPRAY PAINTING

Swing Stage, Licensed Steeple Jack & Portable Facilities for Any Job

900 22nd Street, Detroit 16

TAshmo0 5-6722

GENERAL

BUILDERS

TALBOT & MEIER, Inc.

1000 Larchwood Ave.
Detroit 3, Michigan
TOWnsend 8-3315

Rayl's

*Specialists in the Best Hardware
for Schools, Hospitals, Industrial
and Monumental Buildings*

DISTRIBUTORS

YALE & SCHLAGE
LOCKS

STANLEY WORKS
HINGES

VON-DUPRIN & LINCOLN
FIRE EXIT DEVICES

RICHARDS-WILCOX
SLIDING AND HINGED
DOOR HARDWARE

WILLIAMS
PIVOTING SASH

LAWSON
MEDICINE CABINETS
AND FIXTURES

BOMMER & LAWSON
SPRING HINGES

McKINNEY
WROUGHT IRON HARDWARE

THE RAYL COMPANY

228 CONGRESS ST., W., DETROIT

Quality Since 1875

• Wholesale Builders Dept.

national architect

official publication, national council of architectural registration boards

OFFICERS:

Charles E. Firestone F.A.I.A., President,
Canton, Ohio
Fred L. Markham, 1st V-Pres., Provo, Utah
Bartlett Cocke, 2nd V-Pres., San Antonio,
Texas
Edgar H. Berners, 3rd V-Pres., Green Bay,
Wis.
William L. Perkins, Sec.-Treas., 736 Lucas
Ave., Chariton, Iowa

EXECUTIVE COMMITTEE:

Aforementioned officers and
Roger C. Kirchoff, Milwaukee, Wisconsin

COUNCIL BOARD OF REVIEW:

Walter F. Martens, Chm., Charleston, W.
Va.
Lucius R. White, Jr., Baltimore, Md.
Ralph Edward Winslow, Troy, N. Y.

are we national or local?

A national magazine with a local name, but what's in a name anyway? When the National Architect was combined with the Monthly Bulletin, a State publication, the name of the latter was retained, since it was the older of the two, and also for the very good reason that your editor is under contract to publish under that name.

The magazine is official publication also of National Council of Architectural Registration Boards and it reaches architects (the best of them, we claim) in every state. Subscriptions are on the increase

and so is advertising, so altogether the future looks bright. We believe that if we can do a good job it will be rewarded.

We give credit to Alexander Girard, A.I.A., our design consultant for an excellent job of redesigning. A "survey" of the best clubs, libraries and reading rooms show that, whereas the Bulletin was formerly placed on the side in a heap of miscellaneous pamphlets, it is now right up front with the leading mags, in its own leather cover with the name in gold letters.

architects in the news this month

Grosvenor Atterbury, architect and inventor, has been awarded the 1953 medal of honor of the New York Chapter of the A.I.A. for the successful development of mass-produced building wall units for pre-fabricated construction.

William G. Chirgotis, architect of Union, N. J. has been elected to the board of directors of the Franklin Mortgage & Title Insurance Co. of Newark.

Jean R. Kroeger has been taken into the firm of Hugill, Blatherwick & Fritzel of Kansas City, Mo. He has been employed by this firm for the past two years. Prior to that time he was employed by Marshall & Brown, Kansas City architects, for two years.

William A. Chalkley, formerly plant engineer with the Rohm and Haas Company, has joined the firm of Cooper and Perry, Knoxville, Tenn. The new firm will be known as Cooper, Perry, and Chalkley, Architects-Engineers.

Jack Alan Bialosky, for the past four years associated with Charles Colman, Cleveland architect, has announced the formation of his own office to be located in Carnegie Hall, 1220 Huron Road, Cleveland, Ohio.

A. V. McIver and Associates, Architects, have changed the name of the partnership to Malyer, Hess & Hausjaa and the office location has been moved to 603 Strain Bldg., Great Falls, Montana.

Ewing H. Miller, II, of 2515 Crawford St., Terre Haute, Ind., has received Council Record Number 4000 from the National Council of Architectural Registration Boards, it is announced by William L. Perkins, secretary-treasurer of the Council. Miller received his MA degree from the University of Pennsylvania, is registered as an architect in Ohio, a member of the Indiana Society of Architects, A.I.A. He is now employed by Miller & Vrydagh, Architects, of Terre Haute.

Architect Roy F. France, of Miami, Fla., has been commissioned to develop a British island, Grand Bahama, off the coast of Florida, that will create competition for his many hotels in Miami Beach, according to Newsweek magazine, and it adds, "his commissions will be about \$1,700,000."

The magazine quoted France as saying that his early experience was gained in the office of a Fargo, N. D. architect, and "he remembers that the firm owned eight thumbtacks, which were kept in a cork board, and for which the boss held the staff responsible. I don't know what would have happened if we had lost one. Nobody ever did."

And Gus O'Dell of Detroit claims to have worked for the only architect who ever used a large leather rocking chair at a drafting board.

Beauty

that's practical



You get beauty, economy and faster construction when you build with practical MARIETTA precast concrete wall panels. These insulated sandwich panels have a pre-finished, broomed exterior that closely resembles Indiana Limestone, a pleasing texture that gives a modern, decorative effect.

Build with MARIETTA wall panels and you see your walls go up in days, not weeks . . . 80 sq. ft. at a time, up to 3,500 sq. ft. a day, with only one crew. And they're complete . . . pre-finished inside and out with rigid insulation built-in. Slabs are cast with metal inserts that bolt directly to steel framework, eliminate costly, time-consuming masonry work, cut construction costs as much as 30%. Although they are only 5" thick, their U-value of 0.14 surpasses 12" of masonry wall construction. Available in various sizes, cast solid or with insulation.

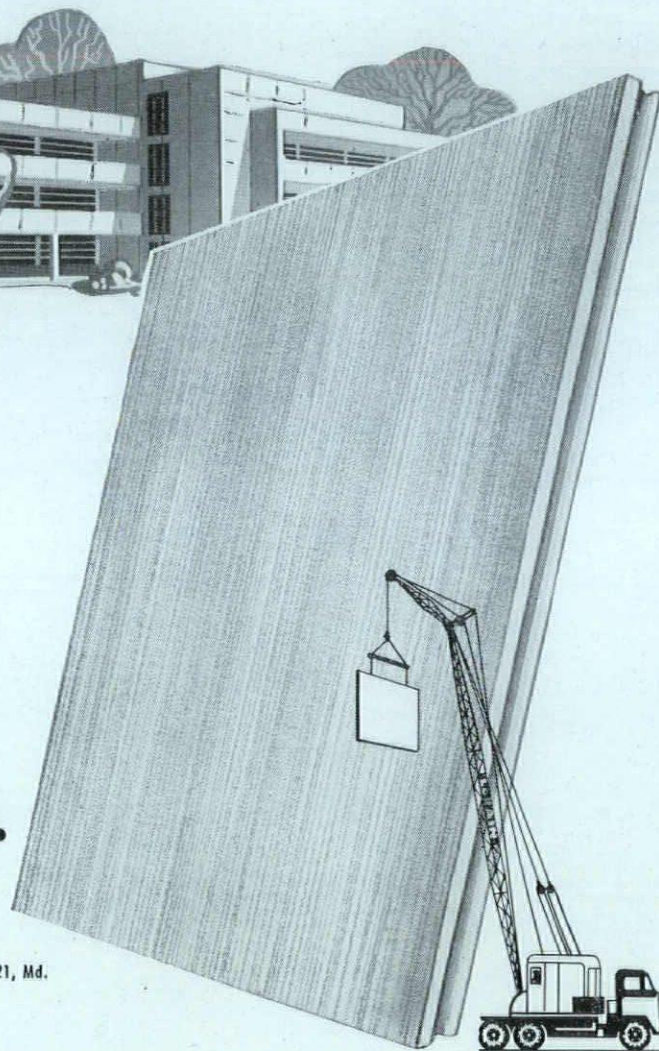
MARIETTA PRECAST CONCRETE WALL PANELS

Let the MARIETTA engineering staff explain how MARIETTA panels can speed the construction of your next building, cut building costs. Write for details today.

MARIETTA precast concrete wall panels are available by truck if your site is within 300 miles of New York City, 300 miles of Marietta, Ohio, 300 miles of Baltimore, Md. Can also be cast at your building site when advisable.

the MARIETTA CONCRETE corp.
MARIETTA, OHIO

BRANCH OFFICES: 509 Fifth Ave., New York 17, N. Y. • Pulaski Hwy. at Race Rd., Baltimore 21, Md.



news

Frederic H. Kock, associate member of Kruckemeyer & Strong, has been named president of the Cincinnati Chapter, A.I.A. Elected with him were Edgar D. Tyler, vice-president; Walter F. Sheblessy, secretary; and Richard Iuen, treasurer. Eugene F. Schrand, Kock's predecessor, was made a member of the executive board; Harold Goetz was chosen chapter delegate to the Architects' Society of Ohio, with Sheblessy as alternate.

Architect Charles Luckman has been appointed to the Municipal Art Commission of Los Angeles, succeeding Pierpont Davis, who resigned. Luckman, former head of Lever Brothers, is a partner in the firm of Pereira & Luckman, Architects, in Los Angeles.

John E. Walley, has been appointed assistant professor of architecture of the Chicago undergraduate division of the University of Illinois. Walley formerly headed the industrial design department of the Institute of Design.

Harvey P. Clarkson has resigned his post as director of architecture with A. M. Kinney, Inc. to join the New York firm of Shreve, Lamb & Harmon Associates, where he will have charge of architectural design.

Henry L. Wright, Los Angeles architect, has been elected president of the Southern California Chapter of the A.I.A. Wright, succeeded Charles E. Fry, 1952 president of the Chapter.

Howard L. Smith has been appointed an executive in the architectural-engineering firm of Richard Hawley Cutting & Associates. He has resigned as chief archi-



tect of the Federal Housing Administration to go to Europe as vice-president and project manager for the Cutting firm, with offices in Paris. Smith's architectural designs have won him awards from the American Institute of Architects, Carnegie Institute of Technology and the Beaux Arts Society of New York.

C. Ralph Fletcher, an associate for the past three years with the Cleveland firm of Outcalt, Guenther & Associates, has opened his own practice on Fernwood Rd., Chagrin Falls. Fletcher was one of the principal designers of the General Motors Bldg. at the New York World's Fair.

Albert C. Brown of Elizabeth, N. J. has been appointed executive director of the New Jersey Chapter, A. I. A. Brown succeeds Arthur Holmes, who has joined the national A.I.A. staff in Washington.

Raymond A. Fisher, Pittsburg architect, has been appointed for a three-year term as a member of the Board of Standards and Appeals. This group interprets the city's building and construction regulations.

The recently renovated MacNamara Clinic in Toledo, Ohio (shown above) features striped mahogany wood pattern marlite in the library (left) and horizontal mist blue with cream upper walls in corridors (right).

Architect Nelson Thal, of Toledo, used marlite throughout the building, in business offices, private offices, corridors, treatment rooms, reception rooms, laboratories and libraries.

Charles G. Justice, of the firm of Ballou & Justice, Richmond, Va., is the new president of the Virginia Chapter of the American Institute of Architects. Justice succeeds Louis L. Schibner, who has served as president for two years. Other officers elected are J. Russell Bailey of Orange, vice-president; Richard L. Meagher of Roanoke, secretary; and Paul D. Woodward of Norfolk as treasurer. The chapter nominated Marcellus Wright, Jr., of Richmond, for the post of director of the Middle Atlantic Region of the A.I.A., which is comprised of the Virginia, Pennsylvania, West Virginia, New Jersey, and Delaware chapters.

ARCHITECTURAL DRAWING For the Building Trades

Needed facts and techniques for preparing simple working drawings for all types of everyday building jobs. Explains how to read blueprints; describes technical phases of modern building practice. Shows how to make perspective, isometric, oblique, and cabinet perspective drawings. By JOSEPH E. KENNEY, ARCHITECT; INSTRUCTOR IN DRAFTING; INSTRUCTOR IN BLUEPRINT READING AND ESTIMATING, MASS. UNIV. EXT., & JOHN P. McGRILL, SUPERVISOR IN CHARGE OF INDUSTRIAL CLASSES, MASS. UNIV. EXT. 128 PAGES, 92 ILLUS., \$4.80.

PLYWOOD

Provides a complete picture of why, when, where, and how to use plywood to best advantage. Covers composition, structure, and mechanical characteristics of various types, emphasizing their applicability, superiority, limitations, and manufacturing processes. Includes valuable data on wood species, as well as a comprehensive analysis of various bonding agents used in the manufacture of plywood and allied products. By LOUIS H. MEYER. 250 PAGES, 100 ILLUS., \$4.50.

CONSTRUCTION ESTIMATES AND COSTS

Shows how to estimate construction costs quickly and accurately. Gives step-by-step instructions for estimating construction work of all kinds, including excavations, all parts of buildings, concrete, structural steel, and material transportation, profit, overhead, etc. Contains useful tables, diagrams, and illustrative estimates. By H. E. FULVER, PROFESSOR OF CIVIL AND STRUCTURAL ENGINEERING, UNIV. OF WISCONSIN. SECOND EDITION, 653 PAGES, 287 ILLUS., \$8.00.

LANDSCAPE SKETCHING

In this easy-to-use book Mr. Black first presents a series of fundamental strokes which teach facility with the pencil. These strokes are then applied to the various component parts of a landscape, with the result that the reader is soon producing a real sketch. The book takes you step-by-step through a mastery of perspective, values, planes, shadows, composition, etc. By ARTHUR BLACK, DIRECTOR, CENTRAL PARK SCHOOL OF ART, NEW YORK CITY. 109 PAGES, OVER 100 LINE DRAWINGS, \$5.00.

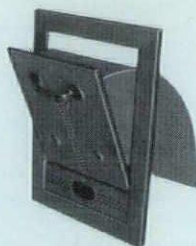
INDUSTRIAL DESIGN

Supplies a broad insight into the problems of appearance design as applied to products made by modern high speed methods. Deals in turn with consumer products, commercial equipment, and capital goods. Presents the fundamentals of three-dimensional design in a form easily understood by those without previous art training, then describes the practical procedures of product styling from preliminary research to finished dimensional drawings. By HAROLD VAN DOREN, OF VAN DOREN, NOWLAND, AND SCHLADERMUNDT. 388 PAGES, 32 PLATES, \$5.00.

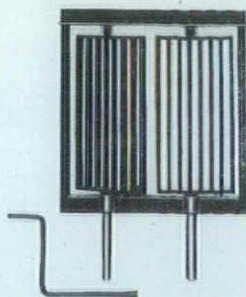
We also invite your inquiries regarding any book. Give title, author, publisher, if possible.

NATIONAL ARCHITECT

120 MADISON AVE. DETROIT 26



Receiving Hopper



Easy Dumping Grates



Fire & Ash Doors

DONLEY INCINERATORS

Solve a Pressing Problem

• Donley design data, covering eight sizes of Incinerators, plus sturdy adaptable Donley metal equipment are helping architects and engineers to grapple with the disposal problems of over burdened municipalities. . . . Built-in incineration for newly constructed buildings, free standing or other door-fed incinerators for older properties are demanded by the current trend away from public collection and disposal. Any competent mason, with Donley plans can build an excellent incinerator.

Rapid increase in the use of gas for heating has deprived homes of the former means of disposing of all burnable wastes. . . . The answer is private incineration, best for the owner and promising to be mandatory in many localities.

Donley facilities include two types of receiving hoppers, quick dumping and easily replaceable grates, a variety of fire doors and cleanout doors, pilot burners and flame spreaders for efficient gas firing, safety controls for automatically intermittent burning.

Gas Firing Increases Capacity

The efficient Donley Pilot Burner, operating with a distinctive flame spreader and intermittent burning by automatic control means rapid burning and increase in net capacity as compared with systems that call for drying periods before burning.

Wide Variety of Installations

Houses, apartments, hotels, schools and institutions are being rendered independent of public collection by Donley aids. Industrial concerns are increasingly installing large incinerator units. Incinerators are mandatory in trailer camps. There is a Donley design to fit each case.

THE DONLEY BROTHERS CO.

13951 Miles Ave., Cleveland 5, Ohio

We compliment Architect Charles E. Firestone on his new YWCA, Canton, O. in which Donley Incinerators were used.



Receiving Hopper
in Fire Door
Saves Effort

In door-fed installations, it is not necessary that a heavy fire door be opened and closed if you specify the Donley Hopper Door, with its well balanced hopper that opens easily at a housewife's touch and closes automatically.

Catalog Mailed
on Application



I was delighted with the new Bulletin. You no doubt realize that in this you've got a race horse that's rearing to go. It seems to me that architects should have more discussion on a wide range of subjects and I can think of no better place for them to air their views than in the pages of your magazine. There are so many subjects. Just one is the influence of Japanese art on our architecture. I greatly admire the sensitivity the Japanese have for the relationships of form and space.

Japanese architecture is probably the clearest example of organic design that we have, mainly because their buildings have not been cluttered with the use of complex mechanical appliances that tend to butcher our architecture. As an example, a small Japanese house starts with the floor matting as a unit and builds from there, each member bearing a definite relation to the matting and in turn to the next piece of wood. The result is a building that has a depth of honesty and a richness of design that is impossible to achieve in the eclectic approach. Too slowly our manufacturers of hardware and building appliances are redesigning their products so that they become an organic part of the building. One of the worst offenders at present is the manufacturer of domestic refrigerators. This appliance bears absolutely no relationship to anything else put in the kitchen. It looks well in a show window but simply does not belong in a kitchen.

The taste of Japanese is well illustrated in their poems, paintings and flower arrangements, but most completely demonstrated in their gardens, which are superlative. We are fortunate in having a few good examples in this country, those in Golden Gate Park, I believe, being the finest. They are like an orchestra of many different instruments, each more conscious of the overtones it is producing than in the exact score.

As an architect, I feel that the greatest contribution the Japanese have given this world is their exquisite sensitivity to contrast in form and space.

My father's description of a window decoration he saw in Japan is a good example: "The background of this small shop window was white silk, and supported in space by fine threads was a number of colorful fans in different positions and different levels and depths. The arrangement of these fans seemed

almost accidental, yet each was exactly where it belonged. Another fan more or less would have ruined the effect, or any change in the arrangement would have marred the fine sense of balance."

He felt that it was the most beautiful window display he had ever seen. This, as I see it, is the Japanese touch. It is balance through repose rather than through symmetry.

I should like to see other architects use the Bulletin to contribute to this discussion. It seems to me it would benefit all of us to air our views and philosophies. We must recognize it sooner or later—our greatest weakness is the lack of philosophy, and not until we have a philosophy are we going to really contribute to the well-being of society.

ALDEN B. DOW, Midland, Mich.

I intended writing you much sooner than this, but was prevented from doing so by the rush of everyday business and by other activities. I want to tell you what a magnificent publication I think you are producing. I have seen no other to compare with it for its size and facilities. It is just as handsome as and more so than most of the professional architectural magazines issued today.

The photography is excellent, which is helped a great deal by the fine quality of paper used, the entire format, from news, feature presentation, to advertisements is most competently handled and a joy to peruse. I thought the January issue was good but when I saw February and the Alden Dow feature I really agreed that this issue alone was worth the entire year's subscription. We must not forget the superb covers either. They are also works of art, and the National Architect, of which I am a charter subscriber, has not lost its identity.

Well, more power to you. You are doing a fine job, and you have my sincere thanks for permitting me to share these experiences with you. My kindest personal regards and fraternal best wishes.

GORDON C. PIERCE, Greensburg, Pa.

Congratulations on the honor accorded you and the Bulletin. The Bulletin was entitled to wider circulation, but I hope that National Architect does not lose any of its well-earned identity. The important fact is that your sphere of intensive ac-

tivity and influence has enlarged, and that's all to the good.

LEE A. WHITE, Cranbrook Institutions, Bloomfield Hills, Mich.

No. 1, Vol. 27, Jan. 1953 came as a surprise, very smart cover and interesting inside. "Bertram Reports" indicate that Michigan has similar problems to those of New York. The Michigan Society of Architects should be proud of this publication. Here are three bucks to see what the other eleven issues look like.

ROBERT J. YOUNG, Larchmont, N. Y.

Enclosed herewith is our check for \$3 in payment of subscription to the National Architect, which we understand has been combined with the Monthly Bulletin of the M.S.A. We approve of the merging of these two periodicals and are looking forward to receiving the new combined issues.

OSSIAN P. WARD, Louisville, KY.

I have just completed reading the January 1953 issue. With the feeling of high elations still fresh, I want to express to you and your staff heartiest congratulations. The new format should serve as an inspiration to other chapters. It certainly can spotlight the wonderful possibilities for creating a bulletin which is a forceful tool to the membership.

WALTER H. SOBEL, Chicago, Ill.

Allow me to congratulate you on January 1953 Bulletin and National Architect. I shall look forward to receiving each issue. Certainly all architects should be interested in your venture and give their support. Enclosed is check for \$3 for subscription.

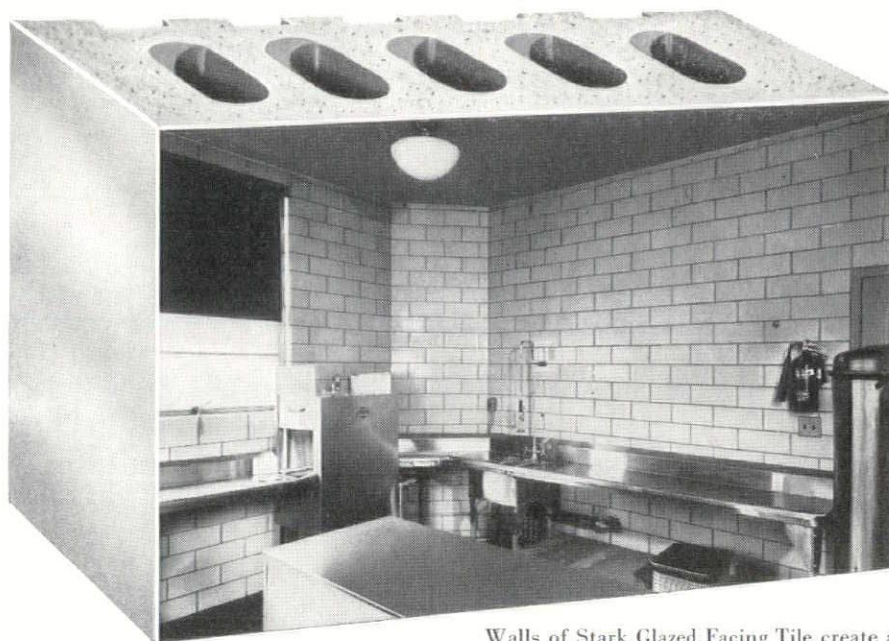
N. W. OVERSTREET, Jackson, Miss.

My congratulations to you and all concerned in the new format of your publication. In appearance and content this edition of the combined publication is very fine indeed. My best wishes for your continued success.

THOMAS V. MURPHY, Editor, Geyer Publications, NYC

The new Bulletin is a pip! It inspired me to write the enclosed, for free, if you can use it. You understand, I do not really

*designed
for
youth—*



Walls of Stark Glazed Facing Tile create a bright, clean kitchen in Canton, Ohio, Y.W.C.A.

with **STARK GLAZED FACING TILE**



Y.W.C.A. Building,
Canton, Ohio
Architects: Firestone and Motter

This handsome new Y.W.C.A. Building in Canton, Ohio was designed not only to serve youth, but to *stay* youthful itself—with minimum maintenance.

That's why architect Charles E. Firestone specified walls of Stark Glazed Facing Tile where wear and tear is heaviest. He has used this economical material in many of his industrial, commercial and educational buildings. He knows that it won't scratch, mar or fade, that it washes easily and never needs refinishing.

The soft, pleasing colors of Stark Glazed Facing Tile also help to make young people feel at home here. Stark's colors are "engineered" to help improve lighting, reduce glare, and create a cheerful environment.

Learn how you can use versatile Stark Glazed Facing Tile to meet your particular design needs. Write today for our free brochure showing colors, installations, shapes and sizes.

Address Dept. MB-4,



STARK *Ceramics, Inc., Canton 1, Ohio*

14305 Livernois Avenue, Detroit 4, Michigan • 15 East 26th Street, New York 10, N. Y.

want you redesigned at all—I like you too well the way you are, bless you.

ROGER ALLEN, Grand Rapids

Your combined publication—the Bulletin and National Architect—has just been received. It is by far the most beautiful publication we have seen in a long time, so beautiful in fact that we did not have the heart to stamp our usual receipt date on its front cover. We feel sure that the architectural registration authorities throughout the country will receive increased benefits as a result of the consolidation of the two publications.

We will want to renew our subscription promptly on receipt of notice of expiration and bill in triplicate.

CLEMMIE V. WALL, Secretary,
State Board of Architects &
Professional Engineers,
Jefferson City, Mo.

The January Bulletin of the Michigan Society of Architects carries a two-page spread on our new Fort Miami School. The arrangement of pictures and comments concerning our new school were greatly appreciated by our Maumee Board of Education. Mr. John N. Richards of the architectural firm of Bellman, Gillett and Richards, is president of our Board of Education, and was especially pleased with the reference to our new school. Thank you for bringing recognition to the citizens of Maumee for providing excellent facilities for our Maumee children.

J. L. BAIRD, Supt. of Schools,
Maumee, Ohio.

As an old reader of the Bulletin I salute the new modern format. I was glad to see the February issue has allowed more space between paragraphs of fine reading matter. Some of the closely packed pages of the January issue discouraged reading that part of the Bulletin which, advertisers notwithstanding, is of considerable importance. As it now appears the Bulletin is a splendid "job." Congratulations to all who collaborated, but especial credit is due to the Founder, Editor and Publisher.

CARL GILBERT GAUM, Prof.
Emeritus, Rutgers Univ.,
Cleveland, Ohio

Volume 27, Number 2 of the marvelous Bulletin of the MSA has just reached my desk. With just a quick leafing-through, the feast will come later, but I simply had to let you know how much we appreciate your efforts.

We are not by any means the most prominent or the largest office, but we do receive all of the usual architectural magazines and a few of the unusual printings from other countries.

May I be permitted an expression and that is to say that this new magazine is just "out of this world."

We here in this office are proud to be subscribers to this journal and with great glee exhibit your workmanship to any and all visitors (paying and non-paying alike) that venture within our portals. Good luck and again congratulations.

LUCAS E. BANNON, Glen Rock, N.J.

Congratulations. The Alden B. Dow issue was well organized, beautifully presented and a real inspiration. Of course all of the credit does not belong to you. You had extraordinary material to work with, which leads to a bit of concern. Can you maintain the tempo? After all there is but one Dow.

However, it is consoling to think that there are others of imaginative and creative capacity who conceive architecture as contributing to full living—even so Dow must. I'm sure you will find them.

GEORGE CALEB WRIGHT,
Indianapolis, Ind.

A copy of your publication found its way into our office and I read it with a considerable amount of pleasure. Your material coverage was so ably handled that I would appreciate having a copy of this particular issue (Feb. '53). I think your publication efforts are an exemplary adjunct toward a better and finer standard of architectural practice and well-being.

IRVING D. GEWERTZ, Dallas, Texas

I wish to compliment you on the appearance of the Bulletin. It represents thinking on your part and of others concerned.

ELMER C. JENSEN, Chicago

Your new edition is "tops." I intended writing you about it before. Your serious efforts over the many years are at last bearing fruit, and I know the magazine will get better and better.

C. WILLIAM PALMER, Detroit

Enclosed is our check for \$3 for our subscription to the Monthly Bulletin. Everyone who has seen the magazine has been very enthusiastic.

PHELPS CUNNINGHAM, Cleveland, O.

Congratulations on the constant improvement which is shown in your publication. Enclosed herewith find check for \$3 for one year's subscription.

HAROLD H. MUNGER, Toledo, Ohio

died

DeWitt Clinton, Jr., 88, retired architect, in Paterson General Hospital, Ridgewood, N. J., Feb. 14. Worked on the Hudson Terminal Bldg., Astor Hotel, and Singer Bldg. in New York.

Samuel J. Collins, A.I.A., in Stanton, Va., Feb. 6. Widely known for his work in designing plans for churches of many denominations.

James Harold Eagen, A.I.A., 48, in Pittsburgh, Pa., Feb. 13. Associate partner in architectural firm of Hoffman & Crumpton.

Arthur E. Fettis, 75, in Dayton, Ohio, Feb. 18. Associated with the firm of Schenck & Williams.

Joseph Finger, A.I.A., 65, at his home in Houston, Texas, Feb. 6. Member of the firm of Finger & Rustay.

Arthur R. Geyer, A.I.A., 68, in Dayton, Ohio, Feb. 12. Widely known as a designer of public buildings. Designed University of Dayton Fieldhouse, several Dayton industrial plants, and North Town shopping center.

Louis Kamper, A.I.A., 91, dean of Detroit architects, Feb. 24. Designed Book Tower, Sheraton-Cadillac Hotel, Cadillac Square Bldg. Drew plans for 100 other Detroit buildings, including automobile factories, banks and hospitals.

William I. La Fon, 56, in Huntington, Long Island, Feb. 20. Designer of many schools and other public buildings.

William A. Lawry, 69, in Cleveland, Ohio, Feb. 24. A Cleveland architect since 1908, he worked on plans for the Art Museum, Ohio Bell Telephone Bldg., and St. Luke's Hospital.

H. H. Mahler, 77, in Fort Worth, Texas, March 6. Practiced in Illinois, Oklahoma, and Texas.

Emil Motl, 66, in Monticello, N. Y., Feb. 19. Former mayor of Monticello and a practicing architect.

Lester N. Sanger, in East Orange, N. J., Feb. 22. Senior Architect for the New York Housing Authority. Director of the Construction Specification Institute, Inc., of New York. Worked on Rockefeller Center project and 1939 World's Fair.

Lester B. Scheide, 55, A.I.A., in Hartford, Conn., Feb. 28. Long-time figure in Republican politics and president of the architectural firm of Scheide, Browne & Wilkins, Inc.

Henry S. Waterbury, F.A.I.A., 73, in New York City, March 2. Senior partner in firm of Delano & Aldrich, Architects. Designed Yale Divinity School, Virginia Military Institute, Hotchkiss School Buildings and Cornell University Union. Also worked on enlargement of U. S. Military Academy.

Lawrence Wolf, F.A.I.A., in Pittsburgh, Pa., March 3. Past president of Pittsburgh chapter, he was a specialist in church and school architecture.

things you should know

By CHARLES E. FIRESTONE, F.A.I.A.
President, N.C.A.R.B.

EDITOR'S NOTE: This article by President Firestone is an answer to the question in the minds of some architects as to what is the National Council of Architectural Registration Boards.

Do you know about the NATIONAL COUNCIL OF ARCHITECTURAL REGISTRATION BOARDS (NCARB)?

It was created for you, the individual architect.

Learn about it. It will only take a moment.
It might be of great help to you.

The primary purpose of the N.C.A.R.B. is to simplify inter-state registration.

It assists you, expedites state boards' actions, and brings the profession into closer relationship.

A second important purpose is to co-ordinate the practice of architecture throughout the Nation.

It's understandable, isn't it, that a Nation divided cannot endure. Likewise, neither can a profession.

It is your profession. It was chosen by you from all others.

Keep in step with it. The N.C.A.R.B. can help you. Why not share in the benefit it can provide; and then, too, you will give something to your profession.

A third purpose is to establish sim-

ilar or equal standards of competency.

It, too, is understandable that forty-eight States would perhaps have forty-eight different statutes to be followed for the practice of the profession of architecture.

Yet ALL are fundamentally the same, only somewhat different in procedure.

Really, it would be wonderful if we could all be measured for registration by the same yard-stick.

Now, aren't those three very good reasons for the existence of your N.C.A.R.B.?

The N.C.A.R.B. makes it possible for you to enter the practice of architecture in another state without an illegal and unethical approach, and with minimum effort.

No registered architect in good standing can be excluded from the procedure for a National Council Certificate.

Perhaps you are not thinking of practicing outside the boundaries of your own state.

Well, of course, one never knows. Just let us suppose you did receive a commission in another State—"right off the bat."

A National Council Certificate would come in mighty handy right then. And now suppose you didn't have it.

Suppose the state in which you received the commission had state

registration board meetings semi-annually, or annually (as a few States do).

Suppose your request for reciprocal registration might be questioned; it could easily take more than a year to obtain.

Would your client wait?
It could happen to you. Better seriously consider a National Council Certificate. It would permit you to proceed at once.

Now let's take the other road. It couldn't happen to you. You would not accept a commission even if it were offered to you.

But, let us say you really have your profession at heart. You should.

Architecture has existed through all the ages. You cherish and honor the rich heritage you received from it.

Your National Council Certificate indicates professional unity. It shows professional strength.

You might feel a lot better to have contributed something, even in a small measure, to your profession.

You still don't see much sense to it?

Well, I have a certificate, and have never had occasion to use it, fortunately or unfortunately.

You think perhaps that I want to boast about it—bask in the sunshine of self-laudation.

Well, I don't. But I am proud to have the certificate. I have done something for my profession, and I know I have done something for myself.

THAT IS IMPORTANT.

So you are somewhat interested? Now let's get "hepped up" about it.

You want to know what it will cost you?

So you're that kind of a guy. Well, can't blame you. Architects do not make the kind of money that can be thrown around promiscuously.

Now what it will cost you actually: TWENTY-FIVE DOLLARS with the Application—FIFTEEN for Examinations. Total FORTY DOLLARS.

Yes, that's all. No more. No less. No fuss. No further dues.

You've passed the written examination in your state. And the chances are that it conforms very nearly to the syllabus of the N.C.A.R.B. Most states' do.

A letter to Secretary Bill Perkins at Chariton, Iowa will get a JUNIOR application on your desk. You should send a copy of your request to your own state board.

The application form is simple, understandable, and easy to prepare.

You name three architects and a few clients, as references. You probably know many who would be glad to accommodate, but you only need three of each.

Perhaps your own state requires practical experience. The junior application requires only THREE YEARS' experience. That in itself will qualify you for consideration of your application.

Filling out the application really is no work. It is no task, only spending a little energy. No contacting people—no long-distance calls—no telegrams—no conferences or interviews. Almost as easy as "falling off a log."

Once the application is filled out, processed, it is evidence of your recognition in all states in the Union as an architect capable of performing architectural services.

No, the COUNCIL FEES do not include registration in a particular

state.

Of course, each state has its own requirements for registration. If you have a commission in a state other than your own, you naturally have to pay a registration fee in that state, just as the resident architect does.

IF YOU HAVE THE CERTIFICATE, it might save a long trip, perhaps several extra trips, should you receive the commission in another state.

Many states grant temporary registration immediately upon the filing of the National Council Certificate with a state application and the payment of the fee of that particular state. You are permitted to proceed with your work without delay or interruption while the application is being processed.

It is your right. It is your privilege. It will be your national recognition as a registered architect of good moral character, tried and proven capable, and in good standing in your own state.

Now comes Grandpappy. — One of the architects registered under the Grandfather Clause.

You did not take an examination. Well, you're not responsible, for when you "popped" into the world, or when your state passed its registration act.

It just happened. Nothing wrong with that.

But you've had an office for many years. Maybe as long as twenty or thirty years.

Do you know you only have to have ten years of practice as a principal to be eligible for a SENIOR EXAMINATION?

You rate a SENIOR NATIONAL Certificate. It is not difficult at all. Write Bill Perkins for a SENIOR Certificate application.

You've made a lot of friends in those many years of practice. Your contemporary architects know and respect you.

The application will ask you for

some few of their names. They will be very happy to say something nice about you, and so will your clients.

Now, you probably have hundreds of photographs of your projects. Most architects are proud of their buildings and have quite a file of photographs, exteriors and interiors.

All you have to do is pick out a few photographs of your completed projects. Mount them on a given size cardboard. Label them with names, costs and dates.

Then you have the cardboard exhibit photographed for your Council record. Not much to that, is there? Just a few dollars for photographs at the most, and a small amount of energy.

"Gonna" cost you FIFTY DOLLARS though. TWENTY-FIVE with your Application and TWENTY-FIVE for Examinations.

The SENIOR Certificate ONCE ISSUED is comparable to and just as effective and as easily processed throughout the Nation as the JUNIOR Certificate.

You must have made a comfortable living from your practice, but more important you have had a lot of fun doing it.

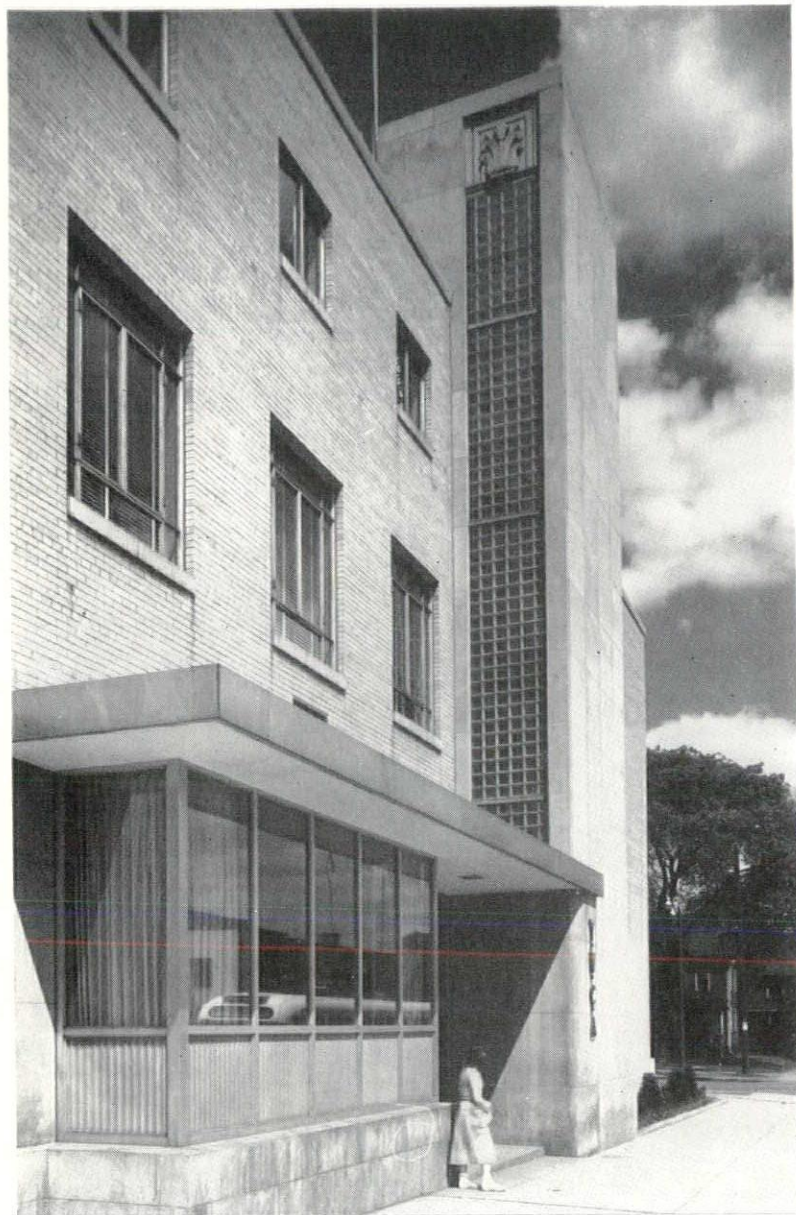
Isn't it worth doing something for yourself MAYBE. For the profession SURELY.

Your having a National Council Certificate will have rendered a genuine service to your profession. You will give it strength. You will help to bring about UNITY in the profession. You will promote a sounder relation and a more profound understanding to the general public. Of course, the G.P. are your clients.

You know something else?

You will have contributed something to the welfare of your community, your state, your Nation and to POSTERITY. That definitely should be a great satisfaction to you.

Isn't it great to be an Architect?



THE A. G. STAFFORD CO.

Fabricators

Suppliers

CANTON, OHIO

Roof, Grilles & Rails, Aluminum
Entrance Doors, Frames, Incinerator,
Flagpole & Equipment, Ash Hoist

THE A. G. STAFFORD CO.

Roof—Johns-Manville

Registers—The Auer Register Co.

Alum. Entrance Doors & Frames—The Kawneer Co.

Incinerator—The Donley Bros. Co.

Flagpole & Equipment—American Flagpole Equip. Co.

Ash Hoist—Potts Ash Hoist, Inc.

We Are Proud

To Have Served

In the Erection of

Canton's New YWCA

Designed by Architect Charles E. Firestone

Of Firestone & Motter

THE A. G. STAFFORD CO.
CANTON, OHIO

charles e. firestone

f. a. i. a., canton, ohio

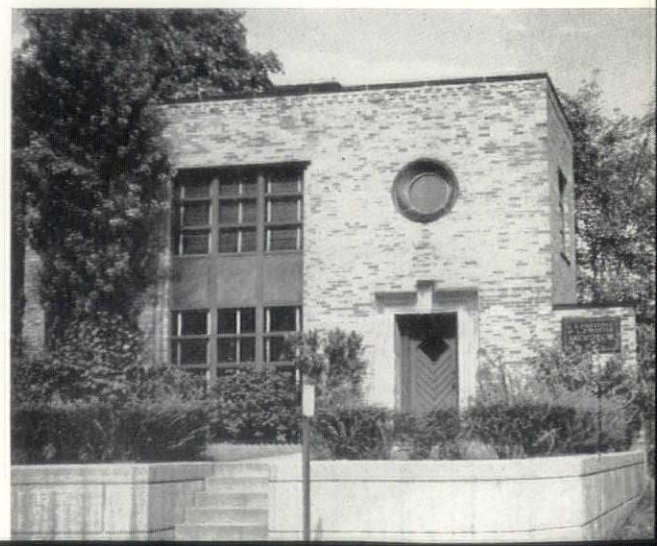
Charles Essig Firestone, Architect (Firestone & Motter, Architects)—Graduate of the University of Michigan, 1914, Bachelor of Science in Architectural Engineering; Member of the A.I.A. since 1921; elevated to Fellowship in the Institute in 1947. Past Pres. of the E.O. Chapter of the A.I.A. 1935-38; Past Pres. of the Architects Society of Ohio, 1939-40.

Past Pres. of the National Society of Architectural Examiners, 1944-46; President of the National Council of Architectural Registration Boards 1952—. Member of the Board of Examiners of Architects of Ohio, 1941—.

Opened office in Canton, Ohio, in 1916, confined practice to immediate vicinity. Practice now mostly educational buildings, some of which are:

Light Jr. H.S., Barberton, O.—1952
Stanton Jr. H.S., Alliance, O.—1951
Fawcett Stadium, one of the first, seating 25,000—1937
Canton South H.S.—1937
Timken Vocational H.S., Canton, O.—1938
Elementary School Bldgs.—Canton, Barberton, and surrounding Townships
Industrial buildings for The Hoover Company, Hercules Motors, Timken Roller Bearing Co.; and many Commercial buildings in Canton.

Member of the Building Commission establishing and creating a Building Department, 1918; Member of the Canton Code Commission; Member of Commission revising Code of Safety Requirements for Building and Construction Work for Ohio, 1929-42; Chrm. of Water Commission, 1935-38; Treas. of Builders' Exchange 1929-33; Secy. of Construction Council of Stark County, Inc., 1939-45.





The new Building, recently completed for the Young Women's Christian Association in Canton, Ohio, is the result of Planning Committees, numerous meetings, fund raising campaigns, and many architectural studies. All who have done or are doing similar work will readily appreciate this procedure. It is, in fact, a Community venture with many different ideas from divergent sources to consider, appraise and plan. The Building as completed serves well its purpose, both functionally and esthetically.

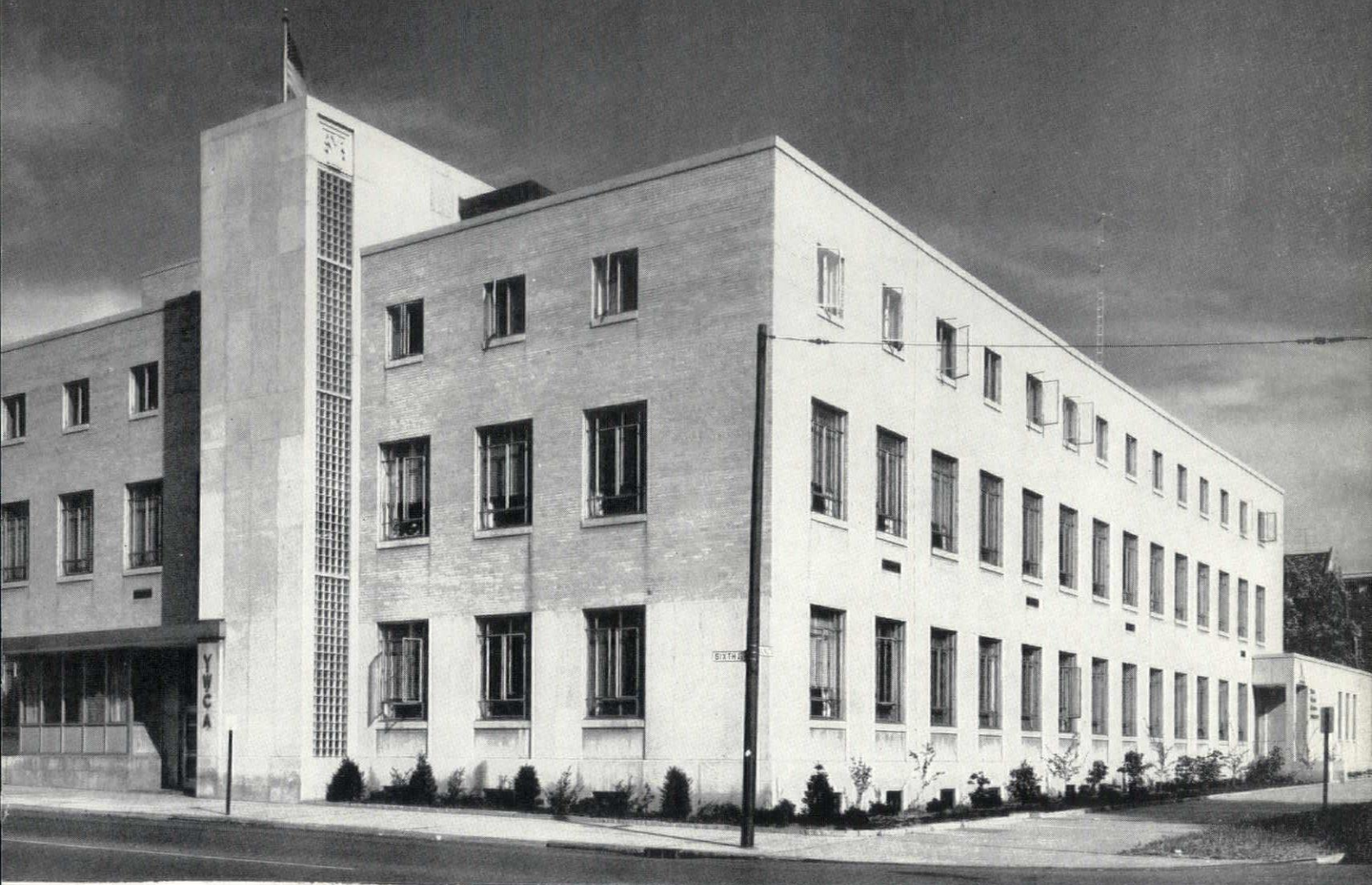
The entrance lobby is to the south, colorful and bright with large aluminum-framed windows facing the waiting-lounge area, and here too, is a control desk with direct access to the administrative offices and a full view of all corridors and entrances to the building.

The all-purpose room used for physical education, dances, banquets, and as an auditorium or assembly room, is entered directly off of the main lobby. It has a small balcony with an oak wainscot, acoustically treated ceiling with recessed light fixtures and anemomstats for heating, with a maple floor marked for basketball and other indoor games. The social room, also directly entered from the lobby, functions as a small assembly room, a meeting room for committees, teas, card parties and general lounge. It is designed and decorated as a large living room with acoustically treated ceilings, a wainscot and carpeted floor.

The main kitchen services both of these rooms directly.

The elevator is entered from the lobby and also from the service side. It serves all floors connecting to the public corridors, lobbies, and again from the service side.





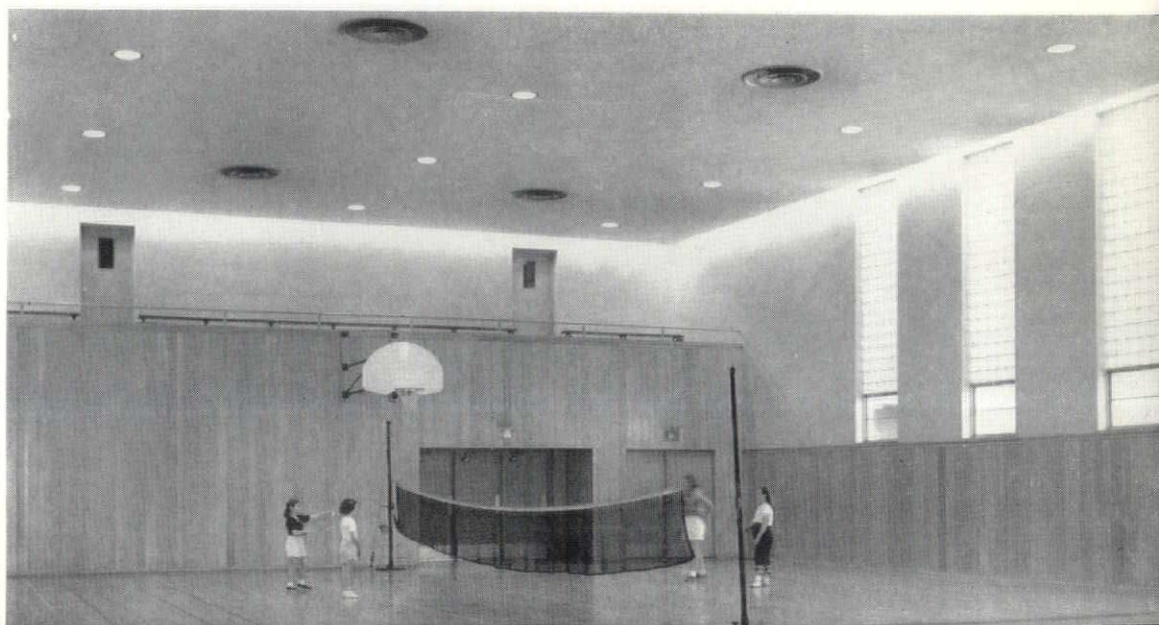
In addition, the first floor contains special parlors, a fully equipped room, general offices, powder room, and rest rooms.

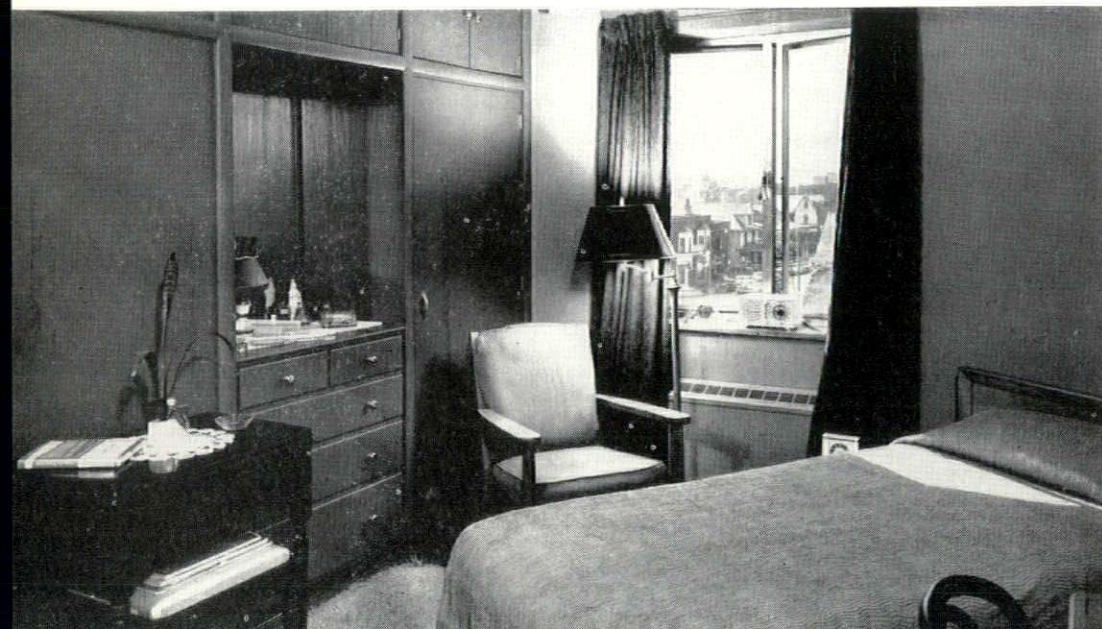
A swimming pool at the north end of the building is in a separate wing. The pool has ceramic tile floors and white tile walls. The floor in the pool and on the deck is of the pool below the water. The walls are structural glazed tile in a rose color to give warmth and pleasing effect in the surrounding area. On one side of the pool are bleacher seats provided for accommodation of about 200 spectators. The ceiling is concrete with acoustic tile between the concrete slabs, and is provided with under-lighting and all the accessories for a modern swimming pool.

Locker and dressing rooms serve the pool and the all-purpose room when used as a gymnasium.

The rooms are fully equipped with showering rooms, lockers and a

basket system, having terrazzo floors, glazed tile walls with marble shower and toilet stalls. In connection with the locker rooms is the physical director's office with all private accommodations in connection therewith. There is also a general office or distribution center.





The second floor areas are devoted largely to club and social activities with five club rooms divided by modern fold partitions to accommodate groups of various sizes. On this floor there is also a nursery, clinic, powder and toilet rooms, health department and additional space for mechanical equipment which included ventilating fans that may be converted to air conditioning in the future. The corridor is provided with a wood wainscot and the walls are plastered, with acoustic tile ceilings.

The dormitory rooms occupy the third floor. There are 27 single rooms.



and 12 double rooms. Each room has an individual lavatory, the walls between the rooms are prefabricated cabinets, including dressers, wardrobes, etc., equipped with mirrors and dressing tables built into the cabinets. The corridors have asphalt tile, and ceilings acoustical plaster. There are two combination toilet and shower rooms well located for easy access from the various dormitory rooms. There is also on this floor a separate kitchenette and laundry for the use of the dormitory girls. The floor is provided with adequate linen storage and repair rooms. In addition to the dormitory rooms, there is a suite for the house mother, consisting of sitting room, bedroom and bath.

The stairs in the main tower lead to a sun room connected with an open sun deck on the roof level.

The basement contains a large lobby for teen-agers to gather and is serviced by a snack bar, and there is in connection a game room and a large play room which can be used for many purposes, being large enough to accommodate banquets, teen-age dances, and other activities. There are also four bowling al-

leys directly off of the lobby, boiler room and mechanical equipment spaces, particularly for the pool.

The building is of structural steel frame with concrete floors, exterior walls with Indiana limestone and the face brick of light grey color. All the sash are aluminum as are the exterior doors and frames.

The color schemes of the rooms

throughout have been selected to create cheerfulness and a homey, pleasant feeling. The draperies and other materials including the furniture are colorful, light, and gay, thus giving a pleasing harmonious feeling throughout the building, making it a social center for the youth of America who want to gather to receive physical and spiritual Christian training.



Young Women's Christian Association Building Canton, Ohio

Contractors

General Construction	Melbourne Bros. Const. Co., Canton, Ohio *79
Electric Work	Hilscher-Clarke Elec. Co., Canton, Ohio *80
Plumbing, Heating & Ventilating	A. C. Eynon Plumbing Co., Canton, Ohio *79
Elevator	The Houghton Elevator Co., Cleveland, Ohio

Sub-Contractors and Suppliers

Face Brick	Belden Brick Co., Canton, Ohio
Indiana Limestone	Ingalls Stone Co., Bedford, Indiana
Terrazzo	Terrazzo & Resilient Floor Co., Canton, Ohio *77
Marble & Tile	Bertolini Bros., Youngstown, Ohio
Marble	Tennessee Marble, Inc.
Ceramic Tile	Mosaic Tile Co., Zanesville, Ohio *56
Structural Steel	Canton Structural Steel Co., Canton, Ohio *77
Bar Joist, Metal Roof Deck	Macomber's Inc., Canton, Ohio
Roof, Grilles & Rails, Aluminum	
Entrance Doors, Frames, Incinerator,	
Flagpole & Equipment, Ash Hoist	The A. G. Stafford Co., Canton, Ohio *70
Roof	Johns-Manville
Registers	The Auer Register Co., Cleveland, Ohio
Alum. Entrance Doors & Frames	The Kawneer Co., Cleveland, Ohio
Incinerator	The Donley Bros. Co., Cleveland, Ohio *64
Flagpole & Equipment	American Flagpole Equipment Co.
Ash Hoist	Potts Ash Hoist, Inc.
Door Frames & Tinclad Doors	O. J. Weigand, Canton, Ohio *80
Fire Doors	Overly Mfg. Co., Greensburg, Pa.
Aluminum Sash	Chas. Haas Co., Cuyahoga Falls, Ohio
Aluminum Sash	Valley Metal Products, Plainville, Mich.
Asphalt Tile-Tiletex & Acoustical Tile	Canton Floors, Inc., Canton, Ohio
Boilers	Kewanee-Ross Corp., Kewanee, Illinois
Stoker	Canton Stoker Mfg. Co., Canton, Ohio
Webster's Kenetic Gas Burner	
Unit Ventilators	John J. Nesbitt, Inc., Philadelphia, Pa.
Unit Heaters	American Blower Corp., Detroit, Michigan
Control System	Johnson Service Co.
Bowling Alleys	Brunswick-Balk-Collander Co., Cleveland, Ohio
Modern Fold Doors	Modern Fold Door, Canton, Ohio
Modern Fold Doors	Neo Sales, Inc., Cleveland, Ohio
Millwork	Walker Lumber Co., Canton, Ohio
Plumbing Fixtures	Amer. Rad. & St'd Sanitary Corp., Pittsburgh, Pa. *3rd Cover
Incandescent Lighting	The Art Metal Co., Cleveland, Ohio
Kitchen Equipment & Hardware	Canton Hardware, Canton, Ohio
Structural Glazed Facing Tile	Stark Ceramics, Inc., Canton, Ohio *66
Interior Decorating	Thurin's House of Modern, Canton, Ohio

*Denotes page ad appears

*A Chain Is No Stronger
Than It's Weakest Link*

Nor A Building Stronger
Than Its Structural Steel
With Its Proper Erection

Having Furnished the Structural
Steel for Canton's New
YWCA, It Is Our Belief
That This Building Will
Last for Decades

And In Lasting It Will
Serve As A Monument
To the Endeavor and
Courage and Civic Pride
That Made This
Building Possible

We Congratulate Canton
For Providing A Present
And Future Home
For the Young Women
Of Canton and Her Environs

CANTON STRUCTURAL STEEL CO.

HERMAN J. EBERMAN

ARCHITECTS: FIRESTONE & MOTTER

May Our Terrazzo Floors

Remain and Serve as Long

As Does the Usefulness of

The New Canton YWCA

These Have Been Laid

Honestly and with Pride

Of Accomplishment We

So Dearly Cherish

Humbly, We Have Attempted

To Do Our Part in this

Building — Dedicated to the

Young Women of Canton.

**Terrazzo
Resilient Floor Co.**

Canton, Ohio

D. Bernardon

BASED ON CUBICAL
CONTENTS OF
BUILDINGS

Since 1915, the schedule has been prepared under like circumstances and based upon like factors. It may be assumed therefore, to present a rather accurate picture of the movement of building costs in the Detroit area during the past 3 years.

COST PER CUBIC FOOT IN CENTS

Classification of Buildings	Aug. 1905	Aug. 1920	Aug. 1921	Dec. 1922	Jan. 1, 1923	Feb. 1, 1923	Jan. 1, 1924	Jan. 1, 1925	Jan. 1, 1926	Jan. 1, 1927	Jan. 1, 1928	Jan. 1, 1929	Jan. 1, 1930	Jan. 1, 1931	Jan. 1, 1932	Jan. 1, 1933	Jan. 1, 1934	Jan. 1, 1935	Jan. 1, 1936	Jan. 1, 1937	Jan. 1, 1938	Jan. 1, 1939	Jan. 1, 1940	Jan. 1, 1941	Jan. 1, 1942	Jan. 1, 1943	Jan. 1, 1944	Jan. 1, 1945	Jan. 1, 1946	Jan. 1, 1947	Jan. 1, 1948	Nov. 1, 1948	Jan. 1, 1950	Jan. 1, 1951	Jan. 1, 1952		
STORIES AND WALLS:																																					
Fireproof (Under 300,000 cu. ft.)	14	31½	23	18	17	21	24	22½	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Fireproof (Over 300,000 cu. ft.)	12½	29½	15½	11	11	13½	14	14½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½
Non-Fireproof (Under 300,000 cu. ft.)	10	21	15	12	10½	13½	14	14½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½
Non-Fireproof (Over 300,000 cu. ft.)	8	17	12	10	8½	11½	13	14	14½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½	15½
FRAMES:																																					
Ordinary	50	52	30	31	30	36	41½	40	39	39½	38	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Fireproof	20	26	21	19	24½	28	36	36½	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Plus (Above Ordinary)	16	37	26	21	19	24½	28	36	36½	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Ordinary without Basements	22	40½	34	27	23	33	38	38½	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38												

Copyright, 1953, by Detroit Real Estate Board)

Established 1888

THE A. C. EYNON PLUMBING CO., INC.

Contractors & Engineers

PLUMBING

HEATING

VENTILATING

AIR CONDITIONING

INDUSTRIAL PIPING

236 WALNUT AVENUE, N. E., CANTON 2, OHIO • PHONE 4-5153

To Have Played a Part in Canton's New Y.W.C.A. Is Satisfying . . .

HERE A HOME, FITTING FOR ITS PURPOSE, HAS
BEEN BUILT.

LONG MAY IT USEFULLY SERVE THE YOUNG WOMEN
OF OUR CITY — DEDICATED TO THE PHYSICAL AND
CHRISTIAN TRAINING OF THOSE WHO ENTER.

Melbourne Bros. Construction Co.

CANTON, OHIO

we salute

charles e. firestone, f. a. i. a.

for his beautiful

ywca building

in canton, ohio

hilscher-Clarke

Electric Company

519 fourth street, n. w.

canton 3, ohio

for Canton's Y W C A

We Had the Privilege

To Furnish

The Pressed Steel Frames

For All Interior Door Openings

Also

Kalamein Fire Doors

Architects:

Firestone & Motter

O. J. WEIGAND

STEEL BUILDING PRODUCTS

CANTON, OHIO



time-tested Marlite is the answer!

For 21 years architects have specified Marlite wall and ceiling panels, for modern, practical interiors. Homes, institutions, stores . . . no matter what type of project, on old walls or new, Marlite's gleaming surface assures lasting client satisfaction. Beautiful? Yes! Quickly installed? Sure! But the biggest advantage is the lasting economy, the maintenance-free durability of the genuine Marlite baked plastic finish. Dirt is sealed out; the rich colors are sealed in to stay!

More than 60 colors and patterns make your job easier. Panels are 4' wide in 4', 5', 6', 8' and 12' lengths. New Marsh Color Matched Aluminum Mouldings blend perfectly, or form a pleasing contrast with any Marlite color.

See our catalog in Sweet's File, Architectural.



Marlite®

PLASTIC-FINISHED
WALL AND CEILING PANELS

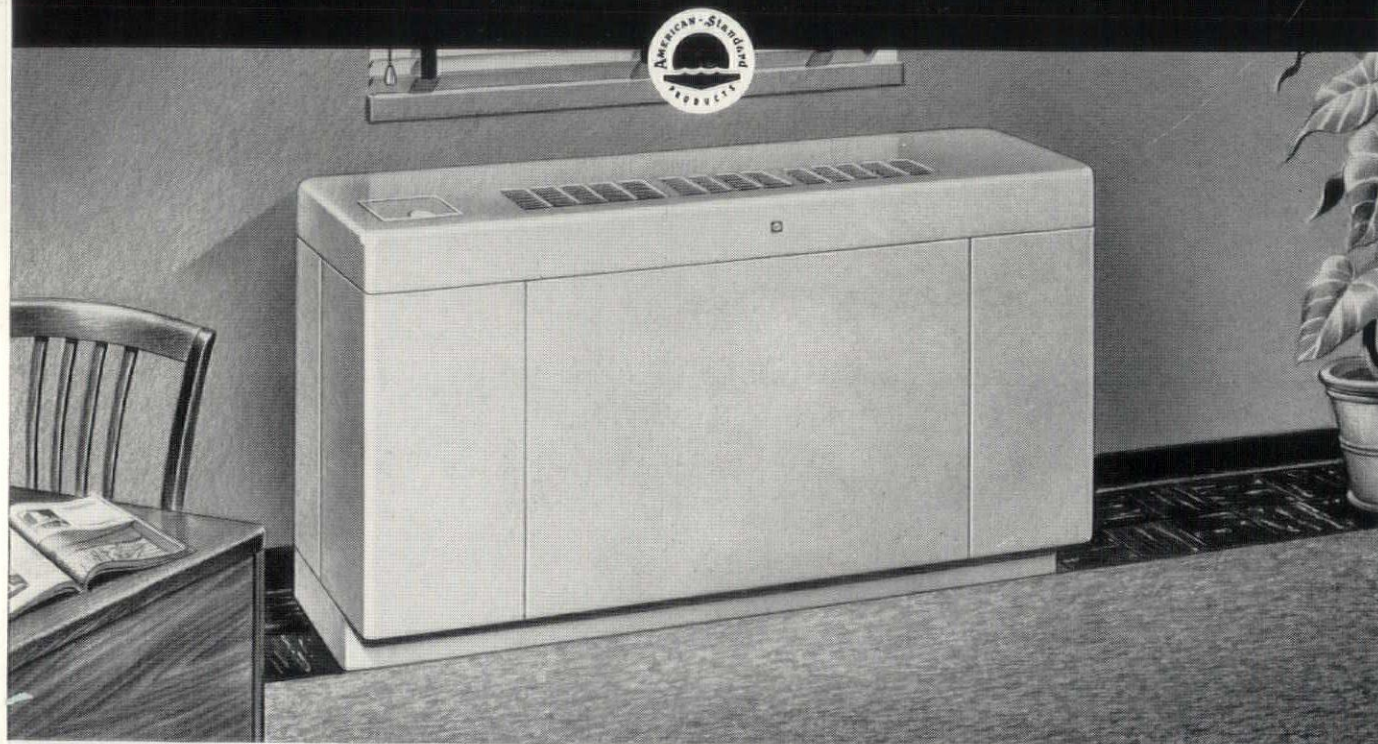
MARSH WALL PRODUCTS, INC.

Subsidiary of Masonite Corp.

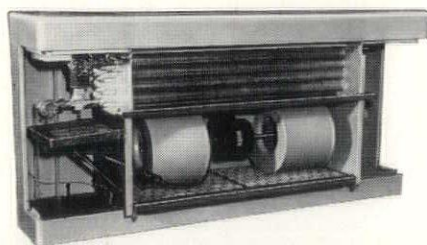
Dept. 5371 - Dover, Ohio

AMERICAN-Standard

HEATING — COOLING



NEW -- important development in year 'round air conditioning — THE REMOTAIRE ROOM CONDITIONER



THE REMOTAIRE is constructed of sturdy, reinforced, furniture steel. The coil is designed for either right or left hand connections and can be easily reversed in the field if necessary. Fans and motor on single mounting plate permit easy removal. Spacious end sections, with removable end panels, provide ease of installation and allow more than a 90° horizontal wrench swing. The Remotaire lends itself to special control adaptations to suit the particular installation requirements.



THE NEW REMOTAIRE by American-Standard, is a remote type room conditioner providing all-weather air conditioning for multi-room installations such as hotels, apartment houses, office buildings, hospitals, motels and other types of buildings.

The unit system installation, using the Remotaire, eliminates the use of large and unwieldy ducts associated with central systems. Since the same simple piping is used for supplying either chilled or hot water, the available floor space for rental is increased . . . and architectural treatment is less restricted. The unit can be used in low head room installations, and the necessity of furred ceilings is eliminated.

The Remotaire unit permits personal

weather control to suit the individual occupants without affecting adjoining spaces. And since ventilation air is introduced separately to each space, noise and odor transmission between spaces is eliminated. Both ventilation and re-circulated air are filtered separately before blending within the fan unit, resulting in cleaner rooms and lower maintenance. With its low speed fans and acoustically-treated air passages, the Remotaire is exceptionally quiet in operation too.

For wider flexibility in architectural planning and for year 'round comfort for your clients, put this quality remote type room conditioner to work in the buildings you plan. For complete information write for literature.

American Radiator & Standard Sanitary Corporation, Dept. PA-42, P. O. Box 1226, Pittsburgh 30, Pa.

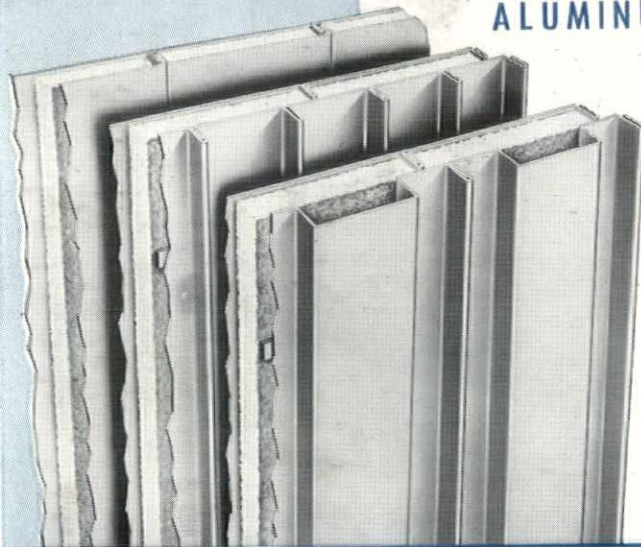
Serving home and industry

AMERICAN-STANDARD • AMERICAN BLOWER • ACME CABINETS • CHURCH SEATS • DETROIT LUBRICATOR • KEWANEE BOILERS • ROSS HEATER • TONAWANDA IRON

INSULATED

METAL WALLS

for INDUSTRIAL and COMMERCIAL BUILDINGS
ALUMINUM, STAINLESS or GALVANIZED STEEL



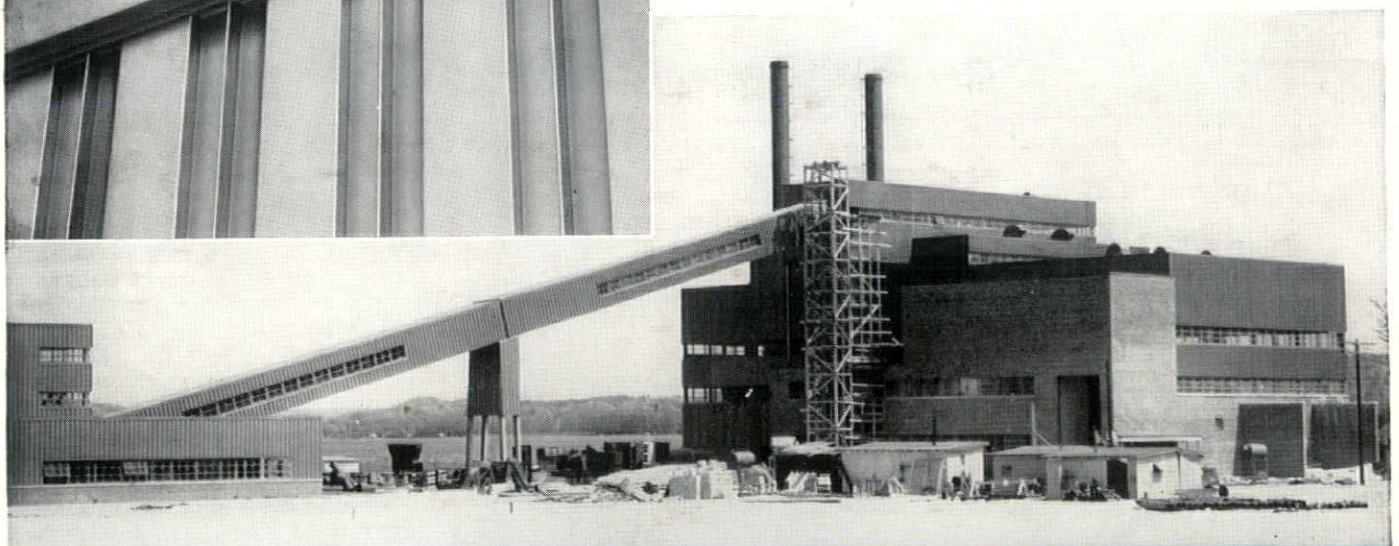
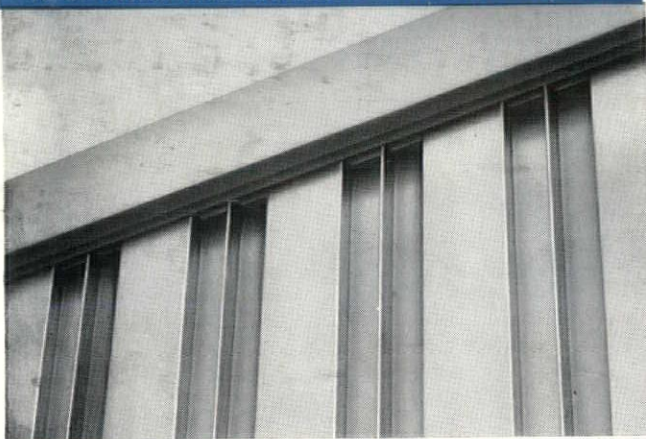
FLUSH, RIBBED, or FLUTED
Over-all "U" Factor of Various Types is Equivalent
to or Better than Conventional 16" Masonry Wall

Today, Insulated Metal Walls are saving construction dollars in both material and labor costs . . . they are reducing construction time through rapid erection—even in periods of extremely low temperature. This amazingly light weight construction, with an over-all "U" Factor superior to a conventional masonry wall, permits further economies in the building frame or supporting structure. Architects, as well as owners and management groups throughout the country are revising their concept of permanent exterior wall construction. In the powerhouse illustrated below, Mahon Fluted Type, Field Constructed Insulated Metal Walls with galvanized steel exterior plates were employed to good advantage for virtually all exterior walls. Mahon Insulated Metal Walls are available in the three exterior patterns shown at left . . . each lends itself to individual architectural expression in building design. The Mahon "Field Constructed" Fluted or Ribbed Wall can be erected up to sixty feet in height without horizontal joints—a feature of Mahon Walls which is particularly desirable in powerhouses, steam plants, warehouses, auditoriums, or other buildings where high expanses of unbroken wall surface are common. See Sweet's Files for complete information including Specifications, or write for Catalog No. B-53-B.

THE R. C. MAHON COMPANY

Detroit 34, Mich. • Chicago 4, Ill. • Representatives in all Principal Cities

Manufacturers of Insulated Metal Walls; Steel Deck for Roofs, Partitions, and Permanent Concrete Floor Forms; Rolling Steel Doors, Grilles and Underwriters' Labeled Rolling Steel Doors and Fire Shutters.



Advance Steam Plant for Northern Michigan Electric Co-operative, Inc., Boyne City, Michigan. Stanley Engineering Company, Muscatine, Iowa, Architects and Engineers. Owen-Ames-Kimball Company, General Contractors.

MAHON